

# Copeland™ M-Line

Air-cooled and water-cooled condensing units

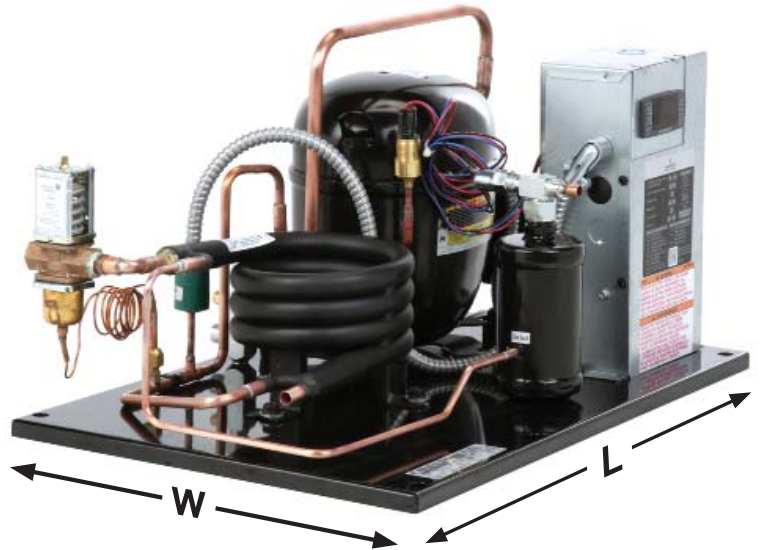
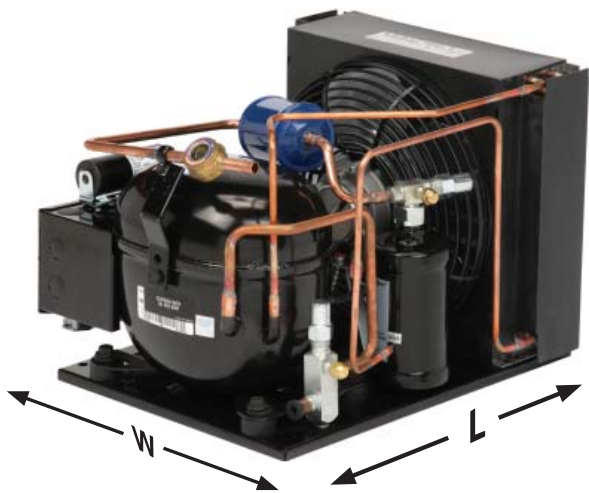
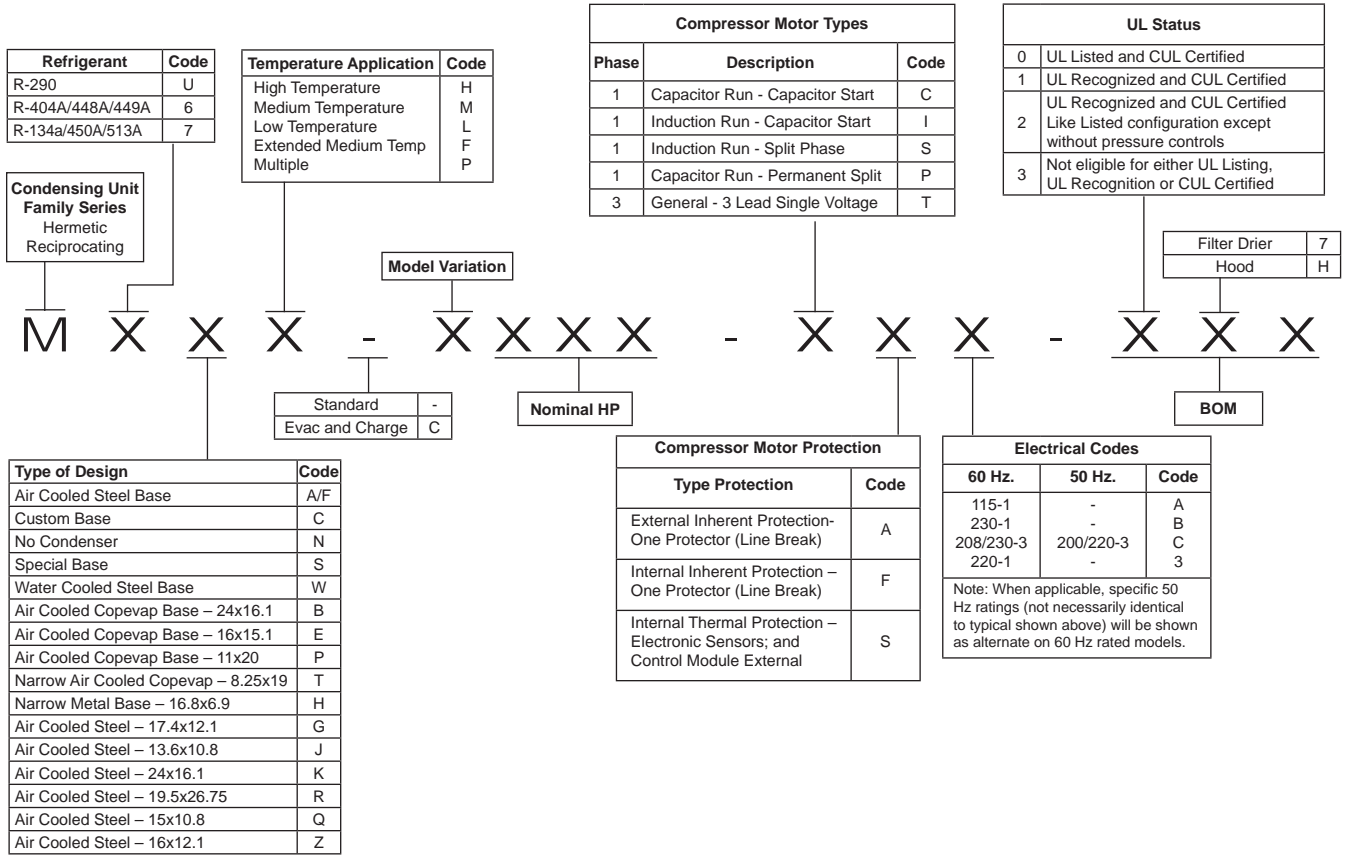


## Product Information

Horsepower: 1/6 – 1 1/2  
Refrigerants: R-134a, R-290, R-404A ,  
R-448A, R-449A, R-450A, R-513A



# Nomenclature • M-Line Units



# Bill of Materials Matrix

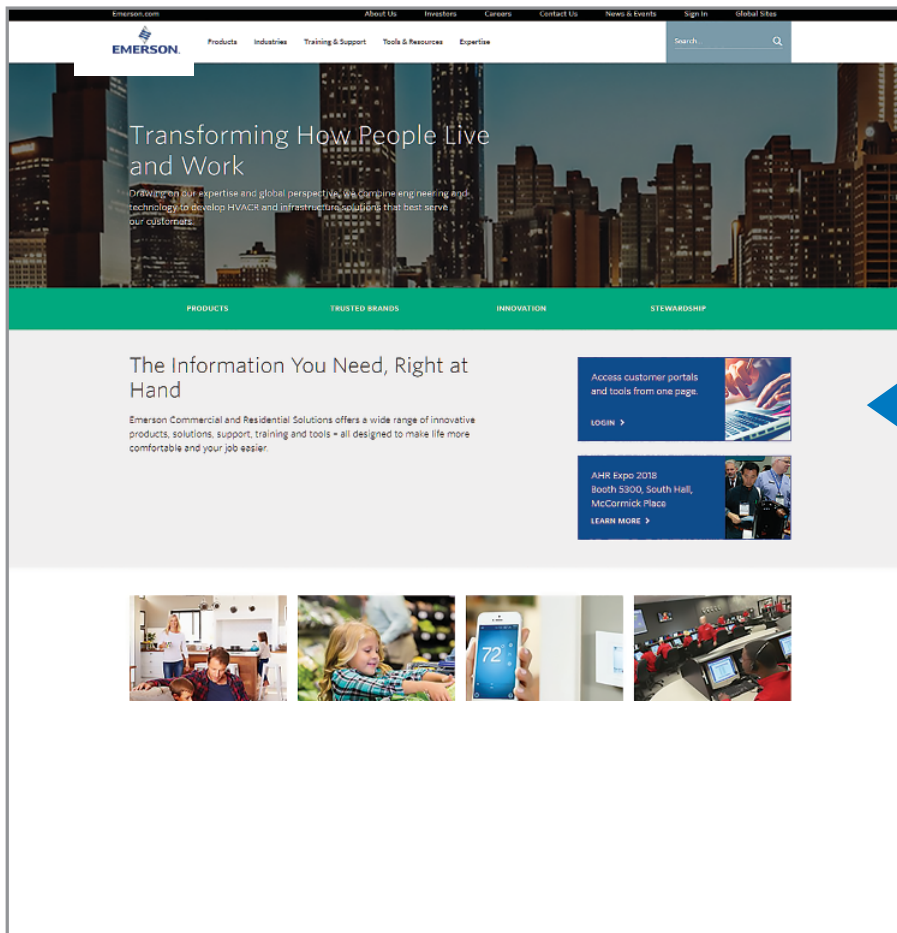
| Features             | Steel Base Standard BOMs |     |              | Condensate Base Standard BOMs |     |        |     |          |     | R-290 Units |
|----------------------|--------------------------|-----|--------------|-------------------------------|-----|--------|-----|----------|-----|-------------|
|                      | Air Cooled               |     | Water Cooled | E Base                        |     | T Base |     | B/P Base |     |             |
|                      | 177                      | 179 | 020          | 103                           | 111 | 108    | 118 | 177      | 179 | 173         |
| Receiver W/ Valve    | X                        |     | X            | X                             |     |        | X   | X        |     |             |
| Suction Valve        | X                        | X   | X            | X                             | X   |        |     | X        | X   |             |
| Liquid Base Valve    |                          | X   |              |                               | X   |        |     |          | X   |             |
| Fan Guard            | X                        | X   |              |                               |     | X      | X   | X        | X   | X           |
| End Covers           |                          |     |              |                               |     | X      | X   |          |     | X           |
| Conduit              |                          |     | X            |                               |     |        |     |          |     |             |
| Power Cord           | X                        | X   |              | X                             | X   | X      | X   | X        | X   | X           |
| Pressure Control/EUC |                          |     |              |                               |     |        |     |          |     |             |
| Filter Drier         | X                        | X   |              |                               |     |        |     | X        | X   | X           |
| Moisture Indicator   | X                        |     |              |                               |     |        |     | X        |     |             |
| Water Valve          |                          |     | X            |                               |     |        |     |          |     |             |
| UL Listed            |                          |     | X            |                               |     |        |     |          |     |             |
| UL Recognized        | X                        | X   |              | X                             | X   | X      | X   | X        | X   | X           |

| Optional BOMs        |     |      |     |     |      |     |  |  |  |  |
|----------------------|-----|------|-----|-----|------|-----|--|--|--|--|
|                      | 020 | 028* | 212 | 072 | 078* | 272 |  |  |  |  |
| Receiver             | X   | X    | X   | X   | X    | X   |  |  |  |  |
| Suction Valve        | X   | X    | X   | X   | X    | X   |  |  |  |  |
| Fan Guard            | X   | X    | X   | X   | X    | X   |  |  |  |  |
| End Covers           | X   | X    | X   | X   | X    | X   |  |  |  |  |
| Power Cord           |     |      |     |     |      |     |  |  |  |  |
| Filter Drier         |     |      |     | X   | X    | X   |  |  |  |  |
| Moisture Indicator   |     |      |     | X   | X    | X   |  |  |  |  |
| Pressure Control/EUC | X   |      |     | X   |      |     |  |  |  |  |
| Conduit              | X   | X    | X   | X   | X    | X   |  |  |  |  |
| UL Listed            | X   | X    |     | X   | X    |     |  |  |  |  |
| UL Recognized        |     |      | X   |     |      | X   |  |  |  |  |

\* Units with a compressor RLA under 6A do not require pressure controls for UL listing. xx8 will identify units under 6A that are listed, but do not have pressure controls.

# Copeland™ air-cooled and water-cooled condensing units

| Features   | Benefits  |
|--|---|
| <p>Copeland™ Hermetic Compressor and Heavy Duty Unit Bearing Fan Motor</p> | <p>Reliability</p> <p>High Energy Efficiency</p> <p>Low Sound &amp; Vibration</p> |
| <p>Modular Components</p>  | <p>Replacement Serviceability</p>   |
| <p>Compact Design</p> <p>All Models Rated Up To 110°F Ambient</p>          | <p>Application Flexibility</p>  |



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# Physical and Electrical Data

# Copeland air-cooled condensing units

| Model         | Compressor Electrical | Length | Width | Height | Refrigerant Connections |         | Receiver Capacity (Lbs @ 90% Volume) |      |      |      |      | MCA  | Max Fuse | Ship Weight |
|---------------|-----------------------|--------|-------|--------|-------------------------|---------|--------------------------------------|------|------|------|------|------|----------|-------------|
|               |                       |        |       |        | Liquid                  | Suction | 134a                                 | 404A | 448A | 449A | 450A |      |          |             |
| M6GL-H070-CAA | RFT22C1E-CAA          | 18.86  | 14.34 | 11.79  | 3/8                     | 1/2     | 1.3                                  | 1.4  | 1.4  |      |      | 11.7 | 15       | 0           |
| M6GL-H070-CAV | RFT22C1E-CAV          | 18.86  | 14.34 | 11.79  | 3/8                     | 1/2     | 1.3                                  | 1.4  | 1.4  |      |      | 7.5  | 15       | 0           |
| M6GL-H079-CAA | RFT26C1E-CAA          | 18.86  | 14.34 | 11.79  | 3/8                     | 1/2     | 1.3                                  | 1.4  | 1.4  |      |      | 15.1 | 20       | 0           |
| M6GL-H079-CAV | RFT26C1E-CAV          | 18.86  | 14.34 | 11.79  | 3/8                     | 1/2     | 1.3                                  | 1.4  | 1.4  |      |      | 9    | 15       | 0           |
| M6GP-H064-CAA | RST45C1E-CAA          | 18.86  | 14.34 | 11.79  | 3/8                     | 1/2     | 1.3                                  | 1.4  | 1.4  |      |      | 14.8 | 20       | 0           |
| M6GP-H064-CAV | RST45C1E-CAV          | 18.86  | 14.34 | 11.79  | 3/8                     | 1/2     | 1.3                                  | 1.4  | 1.4  |      |      | 7.4  | 15       | 0           |
| M6GP-H074-CAA | RST55C1E-CAA          | 18.86  | 14.34 | 11.79  | 3/8                     | 1/2     | 1.3                                  | 1.4  | 1.4  |      |      | 20.5 | 30       | 0           |
| M6GP-H074-CAV | RST55C1E-CAV          | 18.86  | 14.34 | 11.79  | 3/8                     | 1/2     | 1.3                                  | 1.4  | 1.4  |      |      | 9.5  | 15       | 0           |
| M6GP-H090-CAA | RST64C1E-CAA          | 18.82  | 14.34 | 12.29  | 3/8                     | 1/2     | 1.3                                  | 1.4  | 1.4  |      |      | 12.3 | 20       | 0           |
| M6GP-H090-CAV | RST64C1E-CAV          | 18.82  | 14.34 | 12.29  | 3/8                     | 1/2     | 1.3                                  | 1.4  | 1.4  |      |      | 20   | 30       | 0           |
| M6GP-H090-CFA | RST64C1E-CFA          | 18.82  | 14.34 | 12.29  | 3/8                     | 1/2     | 1.3                                  | 1.4  | 1.4  |      |      | 20   | 30       | 0           |
| M6JL-0021-IAA | AFE08C4E-IAA          | 14.1   | 11.45 | 11.37  | 1/4                     | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 5.5  | 15       | 0           |
| M6JL-0026-IAA | AFE11C4E-IAA          | 14.1   | 11.45 | 11.37  | 1/4                     | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 5.9  | 15       | 0           |
| M6JL-0039-IAA | AFE11C4E-IAA          | 14.1   | 11.45 | 11.37  | 1/4                     | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 10.4 | 15       | 0           |
| M6JL-0039-IAV | AFE17C4E-IAV          | 14.1   | 11.45 | 11.37  | 1/4                     | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 5.6  | 15       | 0           |
| M6JL-H023-IAA | AFE08C4E-IAA          | 14.11  | 11.45 | 11.37  | 1/4                     | 3/8     | 1.3                                  | 1.4  | 1.4  |      |      | 5.5  | 15       | 0           |
| M6JL-H030-IAA | AFE11C4E-IAA          | 14.11  | 11.45 | 11.37  | 1/4                     | 3/8     | 1.3                                  | 1.4  | 1.4  |      |      | 5.9  | 15       | 0           |
| M6JL-H038-IAA | AFE13C4E-IAA          | 14.39  | 11.57 | 11.37  | 1/4                     | 3/8     | 1.3                                  | 1.4  | 1.4  |      |      | 7.7  | 15       | 0           |
| M6JL-H041-IAA | AFE14C5E-IAA          | 14.39  | 11.57 | 11.37  | 1/4                     | 3/8     | 1.3                                  | 1.4  | 1.4  |      |      | 8.2  | 15       | 0           |
| M6JL-H041-IAV | AFE14C5E-IAV          | 14.39  | 11.57 | 11.37  | 1/4                     | 3/8     | 1.3                                  | 1.4  | 1.4  |      |      | 4.3  | 15       | 0           |
| M6JL-H048-IAA | AFE17C4E-IAA          | 14.39  | 11.57 | 11.37  | 1/4                     | 3/8     | 1.3                                  | 1.4  | 1.4  |      |      | 10.4 | 15       | 0           |
| M6JL-H048-IAV | AFE17C4E-IAV          | 14.39  | 11.57 | 11.37  | 1/4                     | 3/8     | 1.3                                  | 1.4  | 1.4  |      |      | 5.6  | 15       | 0           |
| M6JL-H052-IAA | AFE20C5E-IAA          | 14.39  | 11.45 | 11.37  | 1/4                     | 3/8     | 1.3                                  | 1.4  | 1.4  |      |      | 8.5  | 15       | 0           |
| M6JL-H052-IAV | AFE20C5E-IAV          | 14.39  | 11.45 | 11.37  | 1/4                     | 3/8     | 1.3                                  | 1.4  | 1.4  |      |      | 5.9  | 15       | 0           |
| M6JM-0017-IAA | ASE12C4E-IAA          | 14.1   | 11.45 | 11.37  | 1/4                     | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 5.4  | 15       | 0           |
| M6JM-H020-IAA | ASE12C4E-IAA          | 14.11  | 11.45 | 11.37  | 1/4                     | 3/8     | 1.3                                  | 1.4  | 1.4  |      |      | 5.4  | 15       | 0           |
| M6JM-H023-IAA | ASE14C4E-IAA          | 14.11  | 11.45 | 11.37  | 1/4                     | 3/8     | 1.3                                  | 1.4  | 1.4  |      |      | 6.7  | 15       | 0           |
| M6JM-H028-IAA | ASE20C4E-IAA          | 14.11  | 11.45 | 11.37  | 1/4                     | 3/8     | 1.3                                  | 1.4  | 1.4  |      |      | 8.2  | 15       | 0           |
| M6JM-H028-IAV | ASE20C4E-IAV          | 14.11  | 11.45 | 11.37  | 1/4                     | 3/8     | 1.3                                  | 1.4  | 1.4  |      |      | 4.4  | 15       | 0           |
| M6JM-H030-IAA | ASE24C5E-IAA          | 14.39  | 11.57 | 11.37  | 1/4                     | 3/8     | 1.3                                  | 1.4  | 1.4  |      |      | 8.4  | 15       | 0           |
| M6JM-H035-IAA | ASE28C5E-IAA          | 14.39  | 11.57 | 11.37  | 1/4                     | 3/8     | 1.3                                  | 1.4  | 1.4  |      |      | 9.7  | 15       | 0           |
| M6JM-H035-IAV | ASE28C5E-IAV          | 14.39  | 11.57 | 11.37  | 1/4                     | 3/8     | 1.3                                  | 1.4  | 1.4  |      |      | 5.6  | 15       | 0           |
| M6JM-H043-IAA | ASE39C5E-IAA          | 14.39  | 11.45 | 11.37  | 1/4                     | 3/8     | 1.3                                  | 1.4  | 1.4  |      |      | 13.2 | 20       | 0           |
| M6KL-0123-CFA | RFT42C1E-PFA          | 24     | 16.39 | 13.08  | 3/8                     | 1/2     | 2.8                                  | 3    | 3    |      |      | 21.4 | 30       | 0           |
| M6KL-0123-CFV | RFT42C1E-PFV          | 24     | 16.39 | 13.08  | 3/8                     | 3/8     | 2.8                                  | 3    | 3    |      |      | 11.2 | 15       | 0           |
| M6KP-0064-CAA | RST45C1E-CAA          | 24     | 16.39 | 13.08  | 1/4                     | 3/8     | 2.8                                  | 3    | 3    |      |      | 15.1 | 20       | 0           |
| M6KP-0064-CAV | RST45C1E-CAV          | 24     | 16.39 | 13.08  | 1/4                     | 3/8     | 2.8                                  | 3    | 3    |      |      | 7.5  | 15       | 0           |
| M6KP-0075-CAA | RST55C1E-CAA          | 24     | 16.41 | 13.08  | 3/8                     | 3/8     | 2.8                                  | 3    | 3    |      |      | 20.8 | 30       | 0           |
| M6KP-0075-CAV | RST55C1E-CAV          | 24     | 16.39 | 13.08  | 1/4                     | 3/8     | 2.8                                  | 3    | 3    |      |      | 9.7  | 15       | 0           |
| M6KP-0092-CAV | RST64C1E-CAV          | 24     | 16.39 | 13.08  | 1/4                     | 3/8     | 2.8                                  | 3    | 3    |      |      | 12.4 | 20       | 0           |
| M6KP-0092-CFA | RST64C1E-CFA          | 24     | 16.39 | 13.08  | 3/8                     | 3/8     | 2.8                                  | 3    | 3    |      |      | 20.3 | 30       | 0           |
| M6KP-0095-CFV | RST70C1E-PFV          | 24     | 16.39 | 13.08  | 3/8                     | 1/2     | 2.8                                  | 3    | 3    |      |      | 10.8 | 15       | 0           |
| M6KP-0102-CAV | RST64C1E-CAV          | 24     | 18.42 | 16.16  | 3/8                     | 1/2     | 4.9                                  | 5.1  | 5.1  |      |      | 12.7 | 20       | 0           |
| M6KP-0102-CFA | RST64C1E-CFA          | 24     | 18.3  | 16.16  | 3/8                     | 3/8     | 4.9                                  | 5.1  | 5.1  |      |      | 20.7 | 30       | 0           |
| M6KP-0106-CFV | RST80C1E-PFV          | 24     | 16.39 | 13.08  | 3/8                     | 1/2     | 2.8                                  | 3    | 3    |      |      | 12.8 | 20       | 0           |
| M6KP-0112-CFV | RST70C1E-PFV          | 24     | 18.45 | 16.16  | 3/8                     | 1/2     | 4.9                                  | 5.1  | 5.1  |      |      | 11   | 15       | 0           |
| M6KP-0116-CFV | RST97C1E-PFV          | 24     | 16.39 | 13.08  | 3/8                     | 1/2     | 2.8                                  | 3    | 3    |      |      | 13.7 | 20       | 0           |
| M6KP-0127-CFV | RST80C1E-PFV          | 24     | 18.45 | 16.16  | 3/8                     | 1/2     | 4.9                                  | 5.1  | 5.1  |      |      | 13   | 20       | 0           |
| M6KP-0142-CFV | RST97C1E-PFV          | 24     | 18.45 | 16.16  | 3/8                     | 1/2     | 4.9                                  | 5.1  | 5.1  |      |      | 13.9 | 20       | 0           |
| M6ZL-0031-IAA | AFE11C4E-IAA          | 16.58  | 12.68 | 11.73  | 1/4                     | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 6.1  | 15       | 0           |
| M6ZL-0040-IAA | AFE13C4E-IAA          | 16.58  | 12.68 | 11.73  | 1/4                     | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 7.9  | 15       | 0           |
| M6ZL-0042-IAA | AFE14C5E-IAA          | 16.58  | 12.68 | 11.73  | 1/4                     | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 8.4  | 15       | 0           |
| M6ZL-0042-IAV | AFE14C5E-IAV          | 16.58  | 12.68 | 11.73  | 1/4                     | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 4.4  | 15       | 0           |
| M6ZL-0055-IAA | AFE20C5E-IAA          | 16.58  | 12.68 | 11.73  | 1/4                     | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 8.8  | 15       | 0           |
| M6ZL-0055-IAV | AFE20C5E-IAV          | 16.58  | 12.68 | 11.73  | 1/4                     | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 6    | 15       | 0           |
| M6ZL-0063-IAA | RFT22C1E-IAA          | 16.6   | 14.18 | 11.73  | 1/4                     | 1/2     |                                      |      |      |      |      | 10.9 | 15       | 0           |
| M6ZL-0063-IAV | RFT22C1E-IAV          | 16.6   | 14.1  | 11.73  | 1/4                     | 1/2     |                                      |      |      |      |      | 7.1  | 15       | 0           |
| M6ZL-0078-IAA | RFT26C1E-IAA          | 16.6   | 14.18 | 11.73  | 1/4                     | 1/2     |                                      |      |      |      |      | 14.3 | 20       | 0           |
| M6ZL-0078-IAV | RFT26C1E-IAV          | 16.6   | 14.1  | 11.73  | 1/4                     | 1/2     |                                      |      |      |      |      | 8.6  | 15       | 0           |
| M6ZL-0098-CFV | RST80C1E-PFV          | 17.31  | 13.81 | 12.29  | 3/8                     | 1/2     | 1.3                                  | 1.4  | 1.4  |      |      | 12.2 | 20       | 0           |
| M6ZL-H064-CAA | RFT22C1E-CAA          | 17.36  | 13.5  | 11.75  | 3/8                     | 1/2     | 1.3                                  | 1.4  | 1.4  |      |      | 10.9 | 15       | 0           |
| M6ZL-H064-CAV | RFT22C1E-CAV          | 17.36  | 13.45 | 11.75  | 3/8                     | 1/2     | 1.3                                  | 1.4  | 1.4  |      |      | 7.1  | 15       | 0           |
| M6ZL-H064-IAA | RFT22C1E-IAA          | 17.38  | 13.51 | 11.71  | 3/8                     | 1/2     | 1.3                                  | 1.4  | 1.4  |      |      | 10.9 | 15       | 0           |
| M6ZL-H064-IAV | RFT22C1E-IAV          | 17.45  | 13.46 | 11.71  | 3/8                     | 1/2     | 1.3                                  | 1.4  | 1.4  |      |      | 7.1  | 15       | 0           |
| M6ZL-H066-CAV | AFE23C5E-CAV          | 16.58  | 12.79 | 11.71  | 1/4                     | 3/8     | 1.3                                  | 1.4  | 1.4  |      |      | 5.9  | 15       | 0           |
| M6ZL-H076-CAV | AFE26C5E-CAV          | 16.58  | 12.79 | 11.71  | 1/4                     | 3/8     | 1.3                                  | 1.4  | 1.4  |      |      | 6.5  | 15       | 0           |
| M6ZL-H078-CAA | RFT26C1E-CAA          | 17.36  | 13.5  | 11.75  | 3/8                     | 1/2     | 1.3                                  | 1.4  | 1.4  |      |      | 14.3 | 20       | 0           |
| M6ZL-H078-CAV | RFT26C1E-CAV          | 17.36  | 13.45 | 11.75  | 3/8                     | 1/2     | 1.3                                  | 1.4  | 1.4  |      |      | 8.6  | 15       | 0           |
| M6ZL-H078-IAA | RFT26C1E-IAA          | 17.38  | 13.51 | 11.71  | 3/8                     | 1/2     | 1.3                                  | 1.4  | 1.4  |      |      | 14.3 | 20       | 0           |
| M6ZL-H078-IAV | RFT26C1E-IAV          | 17.45  | 13.46 | 11.71  | 3/8                     | 1/2     | 1.3                                  | 1.4  | 1.4  |      |      | 8.6  | 15       | 0           |
| M6ZM-0021-IAA | ASE12C4E-IAA          | 16.58  | 12.68 | 11.73  | 1/4                     | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 5.6  | 15       | 0           |

# Physical and Electrical Data

# Copeland air-cooled condensing units

| Model         | Compressor Electrical | Length | Width | Height | Refrigerant Connections |         | Receiver Capacity (Lbs @ 90% Volume) |      |      |      |      | MCA  | Max Fuse | Ship Weight |
|---------------|-----------------------|--------|-------|--------|-------------------------|---------|--------------------------------------|------|------|------|------|------|----------|-------------|
|               |                       |        |       |        | Liquid                  | Suction | 134a                                 | 404A | 448A | 449A | 450A |      |          |             |
| M6ZM-0025-IAA | ASE14C4E-IAA          | 16.58  | 12.68 | 11.73  | 1/4                     | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 6.9  | 15       | 0           |
| M6ZM-0025-IAV | ASE20C4E-IAV          | 16.58  | 12.68 | 11.73  | 1/4                     | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 4.4  | 15       | 0           |
| M6ZM-0031-IAA | ASE20C4E-IAA          | 16.58  | 12.68 | 11.73  | 1/4                     | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 8.4  | 15       | 0           |
| M6ZM-0032-IAA | ASE24C5E-IAA          | 16.58  | 12.68 | 11.73  | 1/4                     | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 8.6  | 15       | 0           |
| M6ZM-0038-IAA | ASE28C5E-IAA          | 16.58  | 12.68 | 11.73  | 1/4                     | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 9.9  | 15       | 0           |
| M6ZM-0038-IAV | ASE28C5E-IAV          | 16.58  | 12.68 | 11.73  | 1/4                     | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 5.6  | 15       | 0           |
| M6ZM-0048-IAA | ASE39C5E-IAA          | 16.58  | 12.68 | 11.73  | 1/4                     | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 13.4 | 20       | 0           |
| M6ZM-H026-CAA | ASE20C4E-CAA          | 16.52  | 12.79 | 11.71  | 1/4                     | 3/8     | 1.3                                  | 1.4  | 1.4  |      |      | 7.8  | 15       | 0           |
| M6ZM-H054-CAV | ASE39C5E-CAV          | 16.58  | 12.79 | 11.71  | 1/4                     | 3/8     | 1.3                                  | 1.4  | 1.4  |      |      | 7.7  | 15       | 0           |
| M6ZP-0053-IAA | RST45C1E-IAA          | 17.36  | 13.52 | 11.75  | 3/8                     | 1/2     | 1.3                                  | 1.4  | 1.4  |      |      | 14   | 20       | 0           |
| M6ZP-0053-IAV | RST45C1E-IAV          | 17.36  | 13.55 | 11.75  | 3/8                     | 1/2     | 1.3                                  | 1.4  | 1.4  |      |      | 7.2  | 15       | 0           |
| M6ZP-H059-CAA | RST45C1E-CAA          | 17.36  | 13.5  | 11.75  | 3/8                     | 1/2     | 1.3                                  | 1.4  | 1.4  |      |      | 14   | 20       | 0           |
| M6ZP-H059-CAV | RST45C1E-CAV          | 17.36  | 13.45 | 11.75  | 3/8                     | 1/2     | 1.3                                  | 1.4  | 1.4  |      |      | 7    | 15       | 0           |
| M6ZP-H090-CFA | RST80C1E-PFA          | 17.31  | 13.81 | 12.29  | 3/8                     | 1/2     | 1.3                                  | 1.4  | 1.4  |      |      | 15.4 | 15       | 0           |
| M6ZP-H090-CFV | RST80C1E-PFV          | 17.31  | 13.81 | 12.29  | 3/8                     | 1/2     | 1.3                                  | 1.4  | 1.4  |      |      | 12.2 | 20       | 0           |
| M7GH-H057-CAA | RRT64C1E-CAA          | 18.86  | 14.34 | 11.79  | 3/8                     | 1/2     | 1.5                                  |      |      | 1.5  | 1.5  | 15.5 | 20       | 0           |
| M7GH-H057-CAV | RRT64C1E-CAV          | 18.86  | 14.34 | 11.79  | 3/8                     | 1/2     | 1.5                                  |      |      | 1.5  | 1.5  | 9    | 15       | 0           |
| M7GP-H066-CFA | RFT18C1E-PFA          | 18.82  | 14.34 | 12.29  | 3/8                     | 1/2     | 1.5                                  |      |      | 1.5  | 1.5  | 13.8 | 20       | 0           |
| M7JH-0012-IAA | ARE13C4E-IAA          | 14.1   | 11.45 | 11.37  | 1/4                     | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  | 5.9  | 15       | 0           |
| M7JH-0014-IAA | ARE17C4E-IAA          | 14.1   | 11.45 | 11.37  | 1/4                     | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  | 5.9  | 15       | 0           |
| M7JH-0018-IAA | ARE25C4E-IAA          | 14.1   | 11.45 | 11.37  | 1/4                     | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  | 6.8  | 15       | 0           |
| M7JH-0021-IAA | ARE29C4E-IAA          | 14.1   | 11.45 | 11.37  | 1/4                     | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  | 5.5  | 15       | 0           |
| M7JH-0026-IAA | ARE35C5E-IAA          | 14.1   | 11.45 | 11.37  | 1/4                     | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  | 9.3  | 15       | 0           |
| M7JH-H012-IAA | ARE13C4E-IAA          | 14.11  | 11.45 | 11.37  | 1/4                     | 3/8     | 1.5                                  |      |      | 1.5  | 1.5  | 5.9  | 15       | 0           |
| M7JH-H015-IAA | ARE17C4E-IAA          | 14.11  | 11.45 | 11.37  | 1/4                     | 3/8     | 1.5                                  |      |      | 1.5  | 1.5  | 5.9  | 15       | 0           |
| M7JH-H020-IAA | ARE25C4E-IAA          | 14.11  | 11.45 | 11.37  | 1/4                     | 3/8     | 1.5                                  |      |      | 1.5  | 1.5  | 6.8  | 15       | 0           |
| M7JH-H024-IAA | ARE29C4E-IAA          | 14.11  | 11.45 | 11.37  | 1/4                     | 3/8     | 1.5                                  |      |      | 1.5  | 1.5  | 5.5  | 15       | 0           |
| M7JH-H029-IAA | ARE35C5E-IAA          | 14.39  | 11.57 | 11.37  | 1/4                     | 3/8     | 1.5                                  |      |      | 1.5  | 1.5  | 9.3  | 15       | 0           |
| M7JH-H034-IAV | ARE42C5E-IAV          | 14.39  | 11.57 | 11.37  | 1/4                     | 3/8     | 1.5                                  |      |      | 1.5  | 1.5  | 5.1  | 15       | 0           |
| M7JH-H038-IAA | ARE48C5E-IAA          | 14.39  | 11.45 | 11.37  | 1/4                     | 3/8     | 1.5                                  |      |      | 1.5  | 1.5  | 10.7 | 15       | 0           |
| M7JH-H038-IAV | ARE48C5E-IAV          | 14.39  | 11.45 | 11.37  | 1/4                     | 3/8     | 1.5                                  |      |      | 1.5  | 1.5  | 6.8  | 15       | 0           |
| M7JH-H042-IAA | ARE54C5E-IAA          | 14.39  | 11.45 | 11.37  | 1/4                     | 3/8     | 1.5                                  |      |      | 1.5  | 1.5  | 6.8  | 15       | 0           |
| M7JH-H042-IAV | ARE54C5E-IAV          | 14.39  | 11.45 | 11.37  | 1/4                     | 3/8     | 1.5                                  |      |      | 1.5  | 1.5  | 6.8  | 15       | 0           |
| M7JL-0034-IAA | AFE12C4E-IAA          | 14.1   | 11.45 | 11.37  | 1/4                     | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  | 8.8  | 15       | 0           |
| M7JM-0019-IAA | AFF05C4E-IAA          | 14.1   | 11.45 | 11.37  | 1/4                     | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  | 5.3  | 15       | 0           |
| M7JM-H020-IAA | AFF05C4E-IAA          | 14.11  | 11.45 | 11.37  | 1/4                     | 3/8     | 1.5                                  |      |      | 1.5  | 1.5  | 5.3  | 15       | 0           |
| M7JM-H036-IAA | AFF12C4E-IAA          | 14.39  | 11.57 | 11.37  | 1/4                     | 3/8     | 1.5                                  |      |      | 1.5  | 1.5  | 8.8  | 15       | 0           |
| M7JP-0020-IAA | AFF07C1E-IAA          | 14.37  | 12.11 | 11.38  | 1/4                     | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  | 5.9  | 15       | 0           |
| M7JP-0029-IA3 | AFF10C1E-IA3          | 14.37  | 12.11 | 11.38  | 1/4                     | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  | 5.2  | 15       | 0           |
| M7JP-0029-IAA | AFF10C1E-IAA          | 14.37  | 12.11 | 11.38  | 1/4                     | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  | 4.9  | 15       | 0           |
| M7JP-0031-IA3 | AFF13C1E-IA3          | 14.37  | 12.11 | 11.38  | 1/4                     | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  | 5.4  | 15       | 0           |
| M7JP-0031-IAA | AFF13C1E-IAA          | 14.37  | 12.11 | 11.38  | 1/4                     | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  | 11.3 | 15       | 0           |
| M7KH-0060-CAA | RRT64C1E-CAA          | 24     | 16.39 | 13.08  | 1/4                     | 3/8     | 3.3                                  |      |      | 3.2  | 3.2  | 15.8 | 20       | 0           |
| M7KH-0060-CAV | RRT64C1E-CAV          | 24     | 16.39 | 13.08  | 1/4                     | 3/8     | 3.3                                  |      |      | 3.2  | 3.2  | 9.2  | 15       | 0           |
| M7KH-0064-CAA | RRT73C1E-CAA          | 24     | 16.39 | 13.08  | 1/4                     | 3/8     | 3.3                                  |      |      | 3.2  | 3.2  | 15.8 | 20       | 0           |
| M7KH-0064-CAV | RRT73C1E-CAV          | 24     | 16.39 | 13.08  | 1/4                     | 3/8     | 3.3                                  |      |      | 3.2  | 3.2  | 11.8 | 15       | 0           |
| M7KH-0075-CFA | RRT81C1E-PFA          | 24     | 16.39 | 13.08  | 3/8                     | 1/2     | 3.3                                  |      |      | 3.2  | 3.2  | 18.3 | 25       | 0           |
| M7KH-0075-CFV | RRT81C1E-PFV          | 24     | 16.39 | 13.08  | 3/8                     | 1/2     | 3.3                                  |      |      | 3.2  | 3.2  | 9.3  | 15       | 0           |
| M7KH-0083-CFA | RRT81C1E-PFA          | 24     | 18.45 | 16.16  | 3/8                     | 1/2     |                                      |      |      |      |      | 18.7 | 25       | 0           |
| M7KH-0083-CFV | RRT81C1E-PFV          | 24     | 18.45 | 16.16  | 3/8                     | 1/2     |                                      |      |      |      |      | 9.5  | 15       | 0           |
| M7KH-0086-CFA | RRT10K1E-PFA          | 24     | 16.39 | 13.08  | 3/8                     | 1/2     | 3.3                                  |      |      | 3.2  | 3.2  | 19   | 30       | 0           |
| M7KH-0086-CFV | RRT10K1E-PFV          | 24     | 16.39 | 13.08  | 3/8                     | 1/2     | 3.3                                  |      |      | 3.2  | 3.2  | 11.2 | 15       | 0           |
| M7KH-0096-CFA | RRT10K1E-PFA          | 24     | 18.45 | 16.16  | 3/8                     | 1/2     |                                      |      |      |      |      | 19.4 | 30       | 0           |
| M7KH-0096-CFV | RRT10K1E-PFV          | 24     | 18.45 | 16.16  | 3/8                     | 1/2     |                                      |      |      |      |      | 11.4 | 15       | 0           |
| M7ZH-0013-IAA | ARE13C4E-IAA          | 16.58  | 12.68 | 11.73  | 1/4                     | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  | 6.1  | 15       | 0           |
| M7ZH-0016-IAA | ARE17C4E-IAA          | 16.58  | 12.68 | 11.73  | 1/4                     | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  | 6.1  | 15       | 0           |
| M7ZH-0031-IAA | ARE35C5E-IAA          | 16.58  | 12.68 | 11.73  | 1/4                     | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  | 9.5  | 15       | 0           |
| M7ZH-0037-IAV | ARE42C5E-IAV          | 16.58  | 12.68 | 11.73  | 1/4                     | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  | 5.1  | 15       | 0           |
| M7ZH-0041-IAA | ARE48C5E-IAA          | 16.58  | 12.68 | 11.73  | 1/4                     | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  | 10.9 | 15       | 0           |
| M7ZH-0041-IAV | ARE48C5E-IAV          | 16.58  | 12.68 | 11.73  | 1/4                     | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  | 6.9  | 15       | 0           |
| M7ZH-0045-IAA | ARE54C5E-IAA          | 16.58  | 12.68 | 11.73  | 1/4                     | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  | 12.5 | 20       | 0           |
| M7ZH-0045-IAV | ARE54C5E-IAV          | 16.58  | 12.68 | 11.73  | 1/4                     | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  | 6.9  | 15       | 0           |
| M7ZH-0051-IAA | RRT64C1E-IAA          | 17.36  | 13.52 | 11.75  | 3/8                     | 1/2     | 1.5                                  |      |      | 1.5  | 1.5  | 14.6 | 20       | 0           |
| M7ZH-0051-IAV | RRT64C1E-IAV          | 17.36  | 13.55 | 11.75  | 3/8                     | 1/2     | 1.5                                  |      |      | 1.5  | 1.5  | 8.6  | 15       | 0           |
| M7ZH-0062-CFA | RRT81C1E-PFA          | 17.31  | 13.82 | 12.29  | 3/8                     | 1/2     | 1.5                                  |      |      | 1.5  | 1.5  | 17.1 | 25       | 0           |
| M7ZH-0062-CFV | RRT81C1E-PFV          | 17.31  | 13.81 | 12.29  | 3/8                     | 1/2     | 1.5                                  |      |      | 1.5  | 1.5  | 8.7  | 15       | 0           |
| M7ZH-0070-CFA | RRT10K1E-PFA          | 17.31  | 13.82 | 12.29  | 3/8                     | 1/2     | 1.5                                  |      |      | 1.5  | 1.5  | 17.9 | 30       | 0           |
| M7ZH-0070-CFV | RRT10K1E-PFV          | 17.31  | 13.81 | 12.29  | 3/8                     | 1/2     | 1.5                                  |      |      | 1.5  | 1.5  | 10.6 | 15       | 0           |
| M7ZH-H046-IAA | RRT62C1E-IAA          | 17.45  | 13.46 | 11.71  | 3/8                     | 1/2     | 1.5                                  |      |      | 1.5  | 1.5  | 12.8 | 20       | 0           |
| M7ZH-H046-IAV | RRT62C1E-IAV          | 17.45  | 13.46 | 11.71  | 3/8                     | 1/2     | 1.5                                  |      |      | 1.5  | 1.5  | 6    | 15       | 0           |

# Physical and Electrical Data

# Copeland air-cooled condensing units

| Model         | Compressor Electrical | Length | Width | Height | Refrigerant Connections |         | Receiver Capacity (Lbs @ 90% Volume) |      |      |      |      | MCA | Max Fuse | Ship Weight |      |
|---------------|-----------------------|--------|-------|--------|-------------------------|---------|--------------------------------------|------|------|------|------|-----|----------|-------------|------|
|               |                       |        |       |        | Liquid                  | Suction | 134a                                 | 404A | 448A | 449A | 450A |     |          |             | 513A |
| M7ZH-H055-CAA | RRT64C1E-CAA          | 17.36  | 13.45 | 11.75  | 3/8                     | 1/2     | 1.5                                  |      |      |      | 1.5  | 1.5 | 14.6     | 20          | 0    |
| M7ZH-H055-CAV | RRT64C1E-CAV          | 17.36  | 13.45 | 11.75  | 3/8                     | 1/2     | 1.5                                  |      |      |      | 1.5  | 1.5 | 8.6      | 15          | 0    |
| M7ZH-H067-CFA | RRT81C1E-PFA          | 17.31  | 13.81 | 12.29  | 3/8                     | 1/2     | 1.5                                  |      |      |      | 1.5  | 1.5 | 17.1     | 25          | 0    |
| M7ZH-H067-CFV | RRT81C1E-PFV          | 17.31  | 13.81 | 12.29  | 3/8                     | 1/2     | 1.5                                  |      |      |      | 1.5  | 1.5 | 8.7      | 15          | 0    |
| M7ZH-H076-CFA | RRT10K1E-PFA          | 17.31  | 13.81 | 12.29  | 3/8                     | 1/2     | 1.5                                  |      |      |      | 1.5  | 1.5 | 17.9     | 30          | 0    |
| M7ZH-H076-CFV | RRT10K1E-PFV          | 17.31  | 13.81 | 12.29  | 3/8                     | 1/2     | 1.5                                  |      |      |      | 1.5  | 1.5 | 10.6     | 15          | 0    |
| M7ZM-0043-IAA | AFE13C5E-IAA          | 16.58  | 12.68 | 11.73  | 1/4                     | 5/16    | 1.5                                  |      |      |      | 1.5  | 1.5 | 8.4      | 15          | 0    |
| M7ZP-0021-IAA | AFE05C4E-IAA          | 16.58  | 12.68 | 11.73  | 1/4                     | 5/16    | 1.5                                  |      |      |      | 1.5  | 1.5 | 5.5      | 15          | 0    |
| M7ZP-0041-IAA | AFE12C4E-IAA          | 16.58  | 12.68 | 11.73  | 1/4                     | 5/16    | 1.5                                  |      |      |      | 1.5  | 1.5 | 9        | 15          | 0    |
| M7ZP-H062-CFA | RFT18C1E-PFA          | 17.32  | 13.82 | 12.29  | 3/8                     | 1/2     | 1.5                                  |      |      |      | 1.5  | 1.5 | 13       | 20          | 0    |
| MUGL-H045-IAA | AFE13C4U-IAA          | 17.68  | 14.34 | 11.79  | 1/4                     | 5/16    |                                      |      |      |      |      |     | 9.2      | 15          |      |
| MUGL-H070-IAV | RFT22C1U-IAV          | 18.5   | 14.34 | 11.79  | 1/4                     | 3/8     |                                      |      |      |      |      |     | 7        | 15          |      |
| MUGL-H082-CAA | RFT26C1U-CAA          | 18.11  | 14.34 | 11.79  | 1/4                     | 3/8     |                                      |      |      |      |      |     | 12.7     | 15          |      |
| MUGL-H082-IAV | RFT26C1U-IAV          | 18.5   | 14.34 | 11.79  | 1/4                     | 3/8     |                                      |      |      |      |      |     | 8.1      | 15          |      |
| MUGL-H086-CAA | RFT30C1U-CAA          | 18.1   | 14.34 | 11.79  | 1/4                     | 3/8     |                                      |      |      |      |      |     | 13.7     | 20          |      |
| MUGL-H106-CFA | RFT37C1U-CFA          | 18.1   | 14.34 | 11.79  | 1/4                     | 3/8     |                                      |      |      |      |      |     | 17.3     | 25          |      |
| MUGL-H106-CFV | RFT37C1U-CFV          | 18.1   | 14.34 | 11.79  | 1/4                     | 3/8     |                                      |      |      |      |      |     | 11.3     | 15          |      |
| MUGM-H024-IAA | ASE12C4U-IAA          | 17.65  | 14.34 | 11.79  | 1/4                     | 5/16    |                                      |      |      |      |      |     | 7.3      | 15          |      |
| MUGM-H028-IAA | ASE17C4U-IAA          | 17.65  | 14.34 | 11.79  | 1/4                     | 5/16    |                                      |      |      |      |      |     | 8        | 15          |      |
| MUGM-H038-IAA | ASE24C4U-IAA          | 17.68  | 14.34 | 11.79  | 1/4                     | 5/16    |                                      |      |      |      |      |     | 9.2      | 15          |      |
| MUGM-H049-IAA | ASE32C4U-IAA          | 17.68  | 14.34 | 11.79  | 1/4                     | 5/16    |                                      |      |      |      |      |     | 14.2     | 20          |      |
| MUGP-H054-CAA | RST37C1U-CAA          | 18.11  | 14.34 | 11.79  | 1/4                     | 3/8     |                                      |      |      |      |      |     | 13.3     | 20          |      |
| MUGP-H065-CAA | RST44C1U-CAA          | 18.1   | 14.34 | 11.79  | 1/4                     | 3/8     |                                      |      |      |      |      |     | 13       | 20          |      |
| MUGP-H073-CAA | RST53C1U-CAA          | 18.1   | 14.34 | 11.79  | 1/4                     | 3/8     |                                      |      |      |      |      |     | 13.8     | 20          |      |
| MUGP-H081-CAV | RST58C1U-CAV          | 18.11  | 14.34 | 11.79  | 1/4                     | 3/8     |                                      |      |      |      |      |     | 8.5      | 15          |      |
| MUJL-0028-IAA | AFF10C1U-IAA          | 14.09  | 12.42 | 9.63   | 1/4                     | 5/16    |                                      |      |      |      |      |     | 11.3     | 15          |      |
| MUJL-0036-IAA | AFE13C4U-IAA          | 13.98  | 11.67 | 9.64   | 1/4                     | 5/16    |                                      |      |      |      |      |     | 8.2      | 15          |      |
| MUJL-H029-IAA | AFF10C1U-IAA          | 14.19  | 11.77 | 9.63   | 1/4                     | 5/16    |                                      |      |      |      |      |     | 11.3     | 15          |      |
| MUJL-H040-IAA | AFE13C4U-IAA          | 14.04  | 9.62  | 11.67  | 1/4                     | 5/16    |                                      |      |      |      |      |     | 8.2      | 15          |      |
| MUJM-0019-IAA | ASE12C4U-IAA          | 13.96  | 11.66 | 9.64   | 1/4                     | 5/16    |                                      |      |      |      |      |     | 6.3      | 15          |      |
| MUJM-0022-IAA | ASE17C4U-IAA          | 13.96  | 11.66 | 9.64   | 1/4                     | 5/16    |                                      |      |      |      |      |     | 6.9      | 15          |      |
| MUJM-0028-IAA | ASE24C4U-IAA          | 13.98  | 11.67 | 9.64   | 1/4                     | 5/16    |                                      |      |      |      |      |     | 8.2      | 15          |      |
| MUJM-H022-IAA | ASE12C4U-IAA          | 14     | 11.67 | 9.63   | 1/4                     | 5/16    |                                      |      |      |      |      |     | 6.3      | 15          |      |
| MUJM-H024-IAA | ASE17C4U-IAA          | 14     | 11.67 | 9.63   | 1/4                     | 5/16    |                                      |      |      |      |      |     | 6.9      | 15          |      |
| MUJM-H032-IAA | ASE24C4U-IAA          | 14.04  | 9.62  | 11.67  | 1/4                     | 5/16    |                                      |      |      |      |      |     | 8.2      | 15          |      |
| MUJM-H039-IAA | ASE32C4U-IAA          | 14.04  | 9.62  | 11.67  | 1/4                     | 5/16    |                                      |      |      |      |      |     | 13.2     | 20          |      |
| MUZL-0030-IAA | AFF10C1U-IAA          | 16.69  | 13.28 | 11.7   | 1/4                     | 5/16    |                                      |      |      |      |      |     | 11.5     | 15          |      |
| MUZL-0044-IAA | AFE13C4U-IAA          | 16.18  | 13.05 | 11.7   | 1/4                     | 5/16    |                                      |      |      |      |      |     | 8.4      | 15          |      |
| MUZL-0066-IAV | RFT22C1U-IAV          | 16.99  | 13.42 | 11.7   | 1/4                     | 3/8     |                                      |      |      |      |      |     | 6.6      | 15          |      |
| MUZL-0077-CAA | RFT26C1U-CAA          | 16.61  | 13.56 | 11.7   | 1/4                     | 3/8     |                                      |      |      |      |      |     | 11.9     | 15          |      |
| MUZL-0077-IAV | RFT26C1U-IAV          | 16.99  | 13.42 | 11.7   | 1/4                     | 3/8     |                                      |      |      |      |      |     | 7.7      | 15          |      |
| MUZL-0081-CAA | RFT30C1U-CAA          | 16.6   | 13.56 | 11.7   | 1/4                     | 3/8     |                                      |      |      |      |      |     | 12.9     | 20          |      |
| MUZL-0098-CFA | RFT37C1U-CFA          | 16.6   | 13.56 | 11.7   | 1/4                     | 3/8     |                                      |      |      |      |      |     | 16.5     | 25          |      |
| MUZL-0098-CFV | RFT37C1U-CFV          | 16.6   | 13.56 | 11.7   | 1/4                     | 3/8     |                                      |      |      |      |      |     | 10.9     | 15          |      |
| MUZL-H030-IAA | AFF10C1U-IAA          | 16.69  | 13.19 | 11.7   | 1/4                     | 5/16    |                                      |      |      |      |      |     | 11.5     | 15          |      |
| MUZL-H044-IAA | AFE13C4U-IAA          | 16.18  | 13.05 | 11.7   | 1/4                     | 5/16    |                                      |      |      |      |      |     | 8.4      | 15          |      |
| MUZL-H067-IAV | RFT22C1U-IAV          | 16.92  | 13.3  | 11.7   | 1/4                     | 3/8     |                                      |      |      |      |      |     | 6.6      | 15          |      |
| MUZL-H078-CAA | RFT26C1U-CAA          | 16.61  | 13.56 | 11.7   | 1/4                     | 3/8     |                                      |      |      |      |      |     | 11.9     | 15          |      |
| MUZL-H078-IAV | RFT26C1U-IAV          | 16.92  | 13.3  | 11.7   | 1/4                     | 3/8     |                                      |      |      |      |      |     | 7.7      | 15          |      |
| MUZL-H082-CAA | RFT30C1U-CAA          | 16.6   | 13.56 | 11.7   | 1/4                     | 3/8     |                                      |      |      |      |      |     | 12.9     | 20          |      |
| MUZL-H100-CFA | RFT37C1U-CFA          | 16.6   | 13.56 | 11.7   | 1/4                     | 3/8     |                                      |      |      |      |      |     | 16.5     | 25          |      |
| MUZL-H100-CFV | RFT37C1U-CFV          | 16.6   | 13.56 | 11.7   | 1/4                     | 3/8     |                                      |      |      |      |      |     | 10.9     | 15          |      |
| MUZM-0023-IAA | ASE12C4U-IAA          | 16.15  | 13.05 | 11.7   | 1/4                     | 5/16    |                                      |      |      |      |      |     | 6.5      | 15          |      |
| MUZM-0026-IAA | ASE17C4U-IAA          | 16.15  | 13.05 | 11.7   | 1/4                     | 5/16    |                                      |      |      |      |      |     | 7.1      | 15          |      |
| MUZM-0036-IAA | ASE24C4U-IAA          | 16.18  | 13.05 | 11.7   | 1/4                     | 5/16    |                                      |      |      |      |      |     | 8.4      | 15          |      |
| MUZM-0046-IAA | ASE32C4U-IAA          | 16.18  | 13.05 | 11.7   | 1/4                     | 5/16    |                                      |      |      |      |      |     | 13.4     | 20          |      |
| MUZM-H024-IAA | ASE12C4U-IAA          | 16.15  | 13.05 | 11.7   | 1/4                     | 5/16    |                                      |      |      |      |      |     | 6.5      | 15          |      |
| MUZM-H027-IAA | ASE17C4U-IAA          | 16.15  | 13.05 | 11.7   | 1/4                     | 5/16    |                                      |      |      |      |      |     | 7.1      | 15          |      |
| MUZM-H036-IAA | ASE24C4U-IAA          | 16.18  | 13.05 | 11.7   | 1/4                     | 5/16    |                                      |      |      |      |      |     | 8.4      | 15          |      |
| MUZM-H047-IAA | ASE32C4U-IAA          | 16.18  | 13.05 | 11.7   | 1/4                     | 5/16    |                                      |      |      |      |      |     | 13.4     | 20          |      |
| MUZP-0050-CAA | RST37C1U-CAA          | 16.61  | 13.56 | 11.7   | 1/4                     | 3/8     |                                      |      |      |      |      |     | 12.5     | 20          |      |
| MUZP-0059-CAA | RST44C1U-CAA          | 16.6   | 13.56 | 11.7   | 1/4                     | 3/8     |                                      |      |      |      |      |     | 12.1     | 20          |      |
| MUZP-0066-CAA | RST53C1U-CAA          | 16.6   | 13.56 | 11.7   | 1/4                     | 3/8     |                                      |      |      |      |      |     | 13       | 20          |      |
| MUZP-0072-CAV | RST58C1U-CAV          | 16.61  | 13.56 | 11.7   | 1/4                     | 3/8     |                                      |      |      |      |      |     | 8.1      | 15          |      |
| MUZP-H051-CAA | RST37C1U-CAA          | 16.61  | 13.56 | 11.7   | 1/4                     | 3/8     |                                      |      |      |      |      |     | 12.5     | 20          |      |
| MUZP-H061-CAA | RST44C1U-CAA          | 16.6   | 13.56 | 11.7   | 1/4                     | 3/8     |                                      |      |      |      |      |     | 12.1     | 20          |      |
| MUZP-H068-CAA | RST53C1U-CAA          | 16.6   | 13.56 | 11.7   | 1/4                     | 3/8     |                                      |      |      |      |      |     | 13       | 20          |      |
| MUZP-H074-CAV | RST58C1U-CAV          | 16.61  | 13.56 | 11.7   | 1/4                     | 3/8     |                                      |      |      |      |      |     | 8.1      | 15          |      |

# R-134a LT/MT/EMT

# Copeland air-cooled condensing units

| Model         | Compressor   | -25  | -20  | -15  | -10  | -5   | 0    | 5    | 10   | 15   | 20   | 25   | 30   |
|---------------|--------------|------|------|------|------|------|------|------|------|------|------|------|------|
| 90° Ambient   |              |      |      |      |      |      |      |      |      |      |      |      |      |
| M7JM-0019-IAA | AFE05C4E-IAA | 441  | 531  | 629  | 734  | 848  | 972  | 1110 | 1250 | 1410 | 1580 |      |      |
| M7JM-H020-IAA | AFE05C4E-IAA | 462  | 558  | 662  | 775  | 897  | 1030 | 1170 | 1330 | 1500 | 1680 |      |      |
| M7ZP-0021-IAA | AFE05C4E-IAA | 468  | 567  | 673  | 789  | 913  | 1050 | 1200 | 1360 | 1530 | 1720 |      |      |
| M7JP-0020-IAA | AFF07C1E-IAA | 524  | 614  | 714  | 825  | 946  | 1080 | 1220 | 1380 | 1540 | 1720 | 1910 |      |
| M7JP-0029-IA3 | AFF10C1E-IA3 | 783  | 919  | 1070 | 1230 | 1410 | 1600 | 1810 | 2020 | 2260 | 2500 | 2750 |      |
| M7JP-0029-IAA | AFF10C1E-IAA | 783  | 919  | 1070 | 1230 | 1410 | 1600 | 1810 | 2020 | 2260 | 2500 | 2750 |      |
| M7JP-0031-IA3 | AFF13C1E-IA3 | 898  | 1050 | 1220 | 1400 | 1600 | 1810 | 2040 | 2280 | 2530 | 2790 | 3070 |      |
| M7JP-0031-IAA | AFF13C1E-IAA | 898  | 1050 | 1220 | 1400 | 1600 | 1810 | 2040 | 2280 | 2530 | 2790 | 3070 |      |
| M7JL-0034-IAA | AFE12C4E-IAA | 936  | 1080 | 1250 | 1440 | 1640 | 1860 | 2080 | 2310 | 2540 | 2760 |      |      |
| M7JM-H036-IAA | AFE12C4E-IAA | 995  | 1160 | 1350 | 1560 | 1800 | 2050 | 2320 | 2610 | 2910 | 3210 |      |      |
| M7ZP-0041-IAA | AFE12C4E-IAA | 1020 | 1190 | 1380 | 1600 | 1850 | 2120 | 2400 | 2710 | 3030 | 3360 |      |      |
| M7ZM-0043-IAA | AFE13C5E-IAA | 1030 | 1210 | 1420 | 1650 | 1910 | 2180 | 2480 | 2790 | 3120 | 3460 |      |      |
| M7ZP-H062-CFA | RFT18C1E-PFA | 1460 | 1820 | 2180 | 2550 | 2930 | 3310 | 3710 | 4110 | 4510 | 4930 | 5350 | 5780 |
| M7GP-H066-CFA | RFT18C1E-PFA | 1520 | 1890 | 2270 | 2650 | 3060 | 3470 | 3890 | 4330 | 4780 | 5240 | 5710 | 6200 |
| 100° Ambient  |              |      |      |      |      |      |      |      |      |      |      |      |      |
| M7JM-0019-IAA | AFE05C4E-IAA | 392  | 474  | 563  | 661  | 768  | 885  | 1010 | 1150 | 1300 | 1470 |      |      |
| M7JM-H020-IAA | AFE05C4E-IAA | 412  | 500  | 597  | 702  | 817  | 944  | 1080 | 1230 | 1400 | 1580 |      |      |
| M7ZP-0021-IAA | AFE05C4E-IAA | 419  | 510  | 608  | 716  | 835  | 964  | 1110 | 1260 | 1430 | 1610 |      |      |
| M7JP-0020-IAA | AFF07C1E-IAA | 473  | 557  | 651  | 754  | 867  | 990  | 1120 | 1270 | 1420 | 1590 | 1760 |      |
| M7JP-0029-IA3 | AFF10C1E-IA3 | 700  | 827  | 966  | 1120 | 1280 | 1460 | 1650 | 1850 | 2070 | 2290 | 2530 |      |
| M7JP-0029-IAA | AFF10C1E-IAA | 700  | 827  | 966  | 1120 | 1280 | 1460 | 1650 | 1850 | 2070 | 2290 | 2530 |      |
| M7JP-0031-IA3 | AFF13C1E-IA3 | 802  | 946  | 1100 | 1270 | 1460 | 1650 | 1860 | 2080 | 2310 | 2560 |      |      |
| M7JP-0031-IAA | AFF13C1E-IAA | 802  | 946  | 1100 | 1270 | 1460 | 1650 | 1860 | 2080 | 2310 | 2560 |      |      |
| M7JL-0034-IAA | AFE12C4E-IAA | 863  | 996  | 1150 | 1320 | 1500 | 1690 | 1890 | 2090 | 2290 |      |      |      |
| M7JM-H036-IAA | AFE12C4E-IAA | 914  | 1070 | 1240 | 1440 | 1660 | 1890 | 2140 | 2400 | 2670 | 2950 |      |      |
| M7ZP-0041-IAA | AFE12C4E-IAA | 934  | 1090 | 1270 | 1480 | 1710 | 1960 | 2230 | 2510 | 2810 | 3120 |      |      |
| M7ZM-0043-IAA | AFE13C5E-IAA | 944  | 1110 | 1310 | 1520 | 1760 | 2020 | 2290 | 2580 | 2880 | 3200 |      |      |
| M7ZP-H062-CFA | RFT18C1E-PFA | 1230 | 1580 | 1930 | 2280 | 2650 | 3020 | 3390 | 3770 | 4160 | 4560 | 4960 | 5370 |
| M7GP-H066-CFA | RFT18C1E-PFA | 1300 | 1660 | 2020 | 2400 | 2780 | 3180 | 3580 | 3990 | 4410 | 4850 | 5290 | 5750 |
| 110° Ambient  |              |      |      |      |      |      |      |      |      |      |      |      |      |
| M7JM-0019-IAA | AFE05C4E-IAA | 341  | 414  | 495  | 584  | 683  | 792  | 913  | 1040 | 1190 | 1350 |      |      |
| M7JM-H020-IAA | AFE05C4E-IAA | 356  | 436  | 524  | 621  | 730  | 850  | 982  | 1130 | 1290 | 1460 |      |      |
| M7ZP-0021-IAA | AFE05C4E-IAA | 367  | 449  | 539  | 640  | 751  | 874  | 1010 | 1160 | 1320 | 1500 |      |      |
| M7JP-0020-IAA | AFF07C1E-IAA | 424  | 502  | 589  | 684  | 789  | 903  | 1030 | 1160 | 1300 | 1460 | 1620 |      |
| M7JP-0029-IA3 | AFF10C1E-IA3 |      | 736  | 864  | 1000 | 1150 | 1320 | 1490 | 1680 |      |      |      |      |
| M7JP-0029-IAA | AFF10C1E-IAA |      | 736  | 864  | 1000 | 1150 | 1320 | 1490 | 1680 |      |      |      |      |
| M7JP-0031-IA3 | AFF13C1E-IA3 |      | 840  | 983  | 1140 | 1310 | 1490 | 1680 |      |      |      |      |      |
| M7JP-0031-IAA | AFF13C1E-IAA |      | 840  | 983  | 1140 | 1310 | 1490 | 1680 |      |      |      |      |      |
| M7JL-0034-IAA | AFE12C4E-IAA |      |      | 1040 | 1190 | 1350 | 1510 |      |      |      |      |      |      |
| M7JM-H036-IAA | AFE12C4E-IAA |      | 973  | 1130 | 1310 | 1510 | 1720 | 1950 | 2180 | 2430 | 2670 |      |      |
| M7ZP-0041-IAA | AFE12C4E-IAA | 858  | 999  | 1160 | 1350 | 1560 | 1790 | 2040 | 2290 | 2570 | 2850 |      |      |
| M7ZM-0043-IAA | AFE13C5E-IAA | 854  | 1010 | 1190 | 1390 | 1620 | 1850 | 2110 | 2370 | 2650 | 2940 |      |      |
| M7ZP-H062-CFA | RFT18C1E-PFA |      |      | 1650 | 2000 | 2360 | 2720 | 3090 | 3460 | 3840 | 4220 |      |      |
| M7GP-H066-CFA | RFT18C1E-PFA |      |      | 1740 | 2110 | 2490 | 2870 | 3260 | 3660 | 4060 | 4470 | 4900 | 5330 |

Capacities rated at 40°F return gas, 5°F subcooling



| Model         | Compressor   | -10  | -5   | 0    | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45    |
|---------------|--------------|------|------|------|------|------|------|------|------|------|------|------|-------|
| 90° Ambient   |              |      |      |      |      |      |      |      |      |      |      |      |       |
| M7JH-0012-IAA | ARE13C4E-IAA |      |      | 604  | 695  | 794  | 902  | 1020 | 1150 | 1280 | 1430 | 1590 | 1750  |
| M7JH-H012-IAA | ARE13C4E-IAA |      |      | 630  | 727  | 832  | 948  | 1070 | 1210 | 1360 | 1520 | 1700 | 1890  |
| M7ZH-0013-IAA | ARE13C4E-IAA |      |      | 639  | 737  | 845  | 963  | 1090 | 1230 | 1390 | 1560 | 1740 | 1930  |
| M7JH-0014-IAA | ARE17C4E-IAA |      |      | 748  | 855  | 970  | 1100 | 1230 | 1380 | 1530 | 1700 | 1870 | 2060  |
| M7JH-H015-IAA | ARE17C4E-IAA |      |      | 781  | 895  | 1020 | 1150 | 1300 | 1460 | 1630 | 1820 | 2010 | 2230  |
| M7ZH-0016-IAA | ARE17C4E-IAA |      |      | 792  | 908  | 1040 | 1170 | 1320 | 1490 | 1670 | 1860 | 2060 | 2280  |
| M7JH-0018-IAA | ARE25C4E-IAA |      |      | 1020 | 1160 | 1310 | 1470 | 1640 | 1820 | 2020 | 2230 | 2450 | 2690  |
| M7JH-H020-IAA | ARE25C4E-IAA |      |      | 1070 | 1230 | 1390 | 1570 | 1760 | 1970 | 2190 | 2430 | 2680 | 2960  |
| M7JH-0021-IAA | ARE29C4E-IAA |      |      | 1230 | 1370 | 1520 | 1700 | 1890 | 2090 | 2300 | 2520 | 2740 | 2970  |
| M7JH-H024-IAA | ARE29C4E-IAA |      |      | 1300 | 1450 | 1630 | 1830 | 2050 | 2290 | 2540 | 2810 | 3090 | 3390  |
| M7JH-0026-IAA | ARE35C5E-IAA |      |      | 1350 | 1530 | 1730 | 1940 | 2170 | 2410 | 2660 | 2920 | 3190 | 3480  |
| M7JH-H029-IAA | ARE35C5E-IAA |      |      | 1450 | 1640 | 1860 | 2100 | 2360 | 2640 | 2930 | 3240 | 3570 | 3920  |
| M7ZH-0031-IAA | ARE35C5E-IAA |      |      | 1480 | 1680 | 1910 | 2160 | 2430 | 2720 | 3030 | 3360 | 3710 | 4080  |
| M7JH-H038-IAA | ARE48C5E-IAA |      |      | 1930 | 2200 | 2490 | 2800 | 3120 | 3450 | 3800 | 4170 | 4540 | 4930  |
| M7JH-H038-IAV | ARE48C5E-IAV |      |      | 1930 | 2200 | 2490 | 2800 | 3120 | 3450 | 3800 | 4170 | 4540 | 4930  |
| M7ZH-0041-IAA | ARE48C5E-IAA |      |      | 1980 | 2260 | 2570 | 2890 | 3240 | 3600 | 3980 | 4380 | 4800 | 5230  |
| M7ZH-0041-IAV | ARE48C5E-IAV |      |      | 1980 | 2260 | 2570 | 2890 | 3240 | 3600 | 3980 | 4380 | 4800 | 5230  |
| M7JH-H042-IAA | ARE54C5E-IAA |      |      | 2140 | 2450 | 2770 | 3110 | 3460 | 3830 | 4210 | 4590 | 4980 | 5380  |
| M7JH-H042-IAV | ARE54C5E-IAV |      |      | 2140 | 2450 | 2770 | 3110 | 3460 | 3830 | 4210 | 4590 | 4980 | 5380  |
| M7ZH-0045-IAA | ARE54C5E-IAA |      |      | 2210 | 2530 | 2870 | 3230 | 3610 | 4010 | 4420 | 4860 | 5300 | 5760  |
| M7ZH-0045-IAV | ARE54C5E-IAV |      |      | 2210 | 2530 | 2870 | 3230 | 3610 | 4010 | 4420 | 4860 | 5300 | 5760  |
| M7ZH-H046-IAA | RRT62C1E-IAA |      | 2100 | 2380 | 2690 | 3030 | 3400 | 3790 | 4210 | 4640 | 5090 | 5550 | 6020  |
| M7ZH-H046-IAV | RRT62C1E-IAV |      | 2100 | 2380 | 2690 | 3030 | 3400 | 3790 | 4210 | 4640 | 5090 | 5550 | 6020  |
| M7ZH-0051-IAV | RRT64C1E-IAV |      | 2380 | 2690 | 3040 | 3410 | 3810 | 4240 | 4680 | 5150 | 5630 | 6130 | 6640  |
| M7ZH-0051-IAA | RRT64C1E-IAA |      | 2460 | 2790 | 3150 | 3540 | 3960 | 4400 | 4860 | 5320 | 5790 | 6250 | 6710  |
| M7ZH-H055-CAA | RRT64C1E-CAA |      | 2480 | 2810 | 3180 | 3570 | 4000 | 4450 | 4930 | 5430 | 5950 | 6490 | 7050  |
| M7ZH-H055-CAV | RRT64C1E-CAV |      | 2480 | 2810 | 3180 | 3570 | 4000 | 4450 | 4930 | 5430 | 5950 | 6490 | 7050  |
| M7GH-H057-CAA | RRT64C1E-CAA | 2190 | 2490 | 2830 | 3210 | 3620 | 4070 | 4550 | 5060 | 5600 |      |      |       |
| M7GH-H057-CAV | RRT64C1E-CAV | 2190 | 2490 | 2830 | 3210 | 3620 | 4070 | 4550 | 5060 | 5600 |      |      |       |
| M7KH-0060-CAA | RRT64C1E-CAA | 2300 | 2620 | 2970 | 3360 | 3790 | 4260 | 4760 | 5290 | 5860 | 6440 | 7060 | 7690  |
| M7KH-0060-CAV | RRT64C1E-CAV | 2300 | 2620 | 2970 | 3360 | 3790 | 4260 | 4760 | 5290 | 5860 | 6440 | 7060 | 7690  |
| M7ZH-0062-CFA | RRT81C1E-PFA |      |      | 3150 | 3570 | 4080 | 4640 | 5240 | 5870 | 6520 | 7180 | 7840 |       |
| M7ZH-0062-CFV | RRT81C1E-PFV |      |      | 3150 | 3570 | 4080 | 4640 | 5240 | 5870 | 6520 | 7180 | 7840 |       |
| M7KH-0064-CAA | RRT73C1E-CAA | 2420 | 2850 | 3290 | 3760 | 4250 | 4770 | 5310 | 5890 | 6490 | 7130 | 7800 | 8490  |
| M7KH-0064-CAV | RRT73C1E-CAV | 2420 | 2850 | 3290 | 3760 | 4250 | 4770 | 5310 | 5890 | 6490 | 7130 | 7800 | 8490  |
| M7ZH-H067-CFA | RRT81C1E-PFA |      | 2890 | 3240 | 3690 | 4210 | 4800 | 5420 | 6070 | 6730 | 7400 | 8070 | 8720  |
| M7ZH-H067-CFV | RRT81C1E-PFV |      | 2890 | 3240 | 3690 | 4210 | 4800 | 5420 | 6070 | 6730 | 7400 | 8070 | 8720  |
| M7KH-0075-CFA | RRT81C1E-PFA |      | 3060 | 3480 | 4000 | 4600 | 5270 | 5980 | 6720 | 7470 | 8230 | 8980 | 9700  |
| M7KH-0075-CFV | RRT81C1E-PFV |      | 3060 | 3480 | 4000 | 4600 | 5270 | 5980 | 6720 | 7470 | 8230 | 8980 | 9700  |
| M7ZH-0070-CFA | RRT10K1E-PFA |      |      |      | 4550 | 5080 | 5600 | 6130 | 6650 | 7180 | 7700 |      |       |
| M7ZH-0070-CFV | RRT10K1E-PFV |      |      |      | 4550 | 5080 | 5600 | 6130 | 6650 | 7180 | 7700 |      |       |
| M7ZH-H076-CFA | RRT10K1E-PFA |      |      | 4130 | 4680 | 5220 | 5770 | 6310 | 6860 | 7410 | 7960 |      |       |
| M7ZH-H076-CFV | RRT10K1E-PFV |      |      | 4130 | 4680 | 5220 | 5770 | 6310 | 6860 | 7410 | 7960 |      |       |
| M7KH-0083-CFA | RRT81C1E-PFA | 2850 | 3190 | 3680 | 4290 | 5000 | 5780 | 6600 | 7440 | 8300 |      |      |       |
| M7KH-0083-CFV | RRT81C1E-PFV | 2850 | 3190 | 3680 | 4290 | 5000 | 5780 | 6600 | 7440 | 8300 |      |      |       |
| M7KH-0086-CFA | RRT10K1E-PFA |      | 3840 | 4430 | 5040 | 5660 | 6290 | 6940 | 7610 | 8300 | 9010 | 9750 | 10500 |
| M7KH-0086-CFV | RRT10K1E-PFV |      | 3840 | 4430 | 5040 | 5660 | 6290 | 6940 | 7610 | 8300 | 9010 | 9750 | 10500 |
| M7KH-0096-CFA | RRT10K1E-PFA | 3390 | 4040 | 4700 | 5380 | 6090 | 6830 | 7610 | 8440 | 9330 |      |      |       |
| M7KH-0096-CFV | RRT10K1E-PFV | 3390 | 4040 | 4700 | 5380 | 6090 | 6830 | 7610 | 8440 | 9330 |      |      |       |

Capacities rated at 40°F return gas (65°F return gas for capacities in **bold**), 5°F subcooling

| Model         | Compressor   | -10 | -5   | 0    | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   |
|---------------|--------------|-----|------|------|------|------|------|------|------|------|------|------|------|
| 100° Ambient  |              |     |      |      |      |      |      |      |      |      |      |      |      |
| M7JH-0012-IAA | ARE13C4E-IAA |     |      | 553  | 638  | 730  | 830  | 938  | 1050 | 1180 | 1320 | 1460 | 1620 |
| M7JH-H012-IAA | ARE13C4E-IAA |     |      | 578  | 669  | 767  | 876  | 994  | 1120 | 1260 | 1410 | 1580 | 1750 |
| M7ZH-0013-IAA | ARE13C4E-IAA |     |      | 587  | 680  | 781  | 892  | 1010 | 1150 | 1290 | 1450 | 1620 | 1800 |
| M7JH-0014-IAA | ARE17C4E-IAA |     |      | 690  | 789  | 897  | 1010 | 1140 | 1270 | 1420 | 1570 | 1740 | 1910 |
| M7JH-H015-IAA | ARE17C4E-IAA |     |      | 723  | 830  | 946  | 1070 | 1210 | 1360 | 1520 | 1700 | 1880 | 2080 |
| M7ZH-0016-IAA | ARE17C4E-IAA |     |      | 735  | 844  | 963  | 1090 | 1240 | 1390 | 1560 | 1740 | 1930 | 2140 |
| M7JH-0018-IAA | ARE25C4E-IAA |     |      | 942  | 1070 | 1200 | 1350 | 1510 | 1680 | 1860 | 2050 | 2260 | 2470 |
| M7JH-H020-IAA | ARE25C4E-IAA |     |      | 996  | 1140 | 1290 | 1450 | 1640 | 1830 | 2040 | 2270 | 2510 | 2770 |
| M7JH-0021-IAA | ARE29C4E-IAA |     |      | 1140 | 1270 | 1410 | 1560 | 1730 | 1910 | 2100 | 2300 | 2500 |      |
| M7JH-H024-IAA | ARE29C4E-IAA |     |      | 1210 | 1350 | 1510 | 1700 | 1900 | 2120 | 2350 | 2600 | 2860 | 3130 |
| M7JH-0026-IAA | ARE35C5E-IAA |     |      |      | 1420 | 1600 | 1800 | 2010 | 2240 | 2470 |      |      |      |
| M7JH-H029-IAA | ARE35C5E-IAA |     |      | 1340 | 1530 | 1740 | 1960 | 2200 | 2470 | 2740 | 3040 | 3350 | 3680 |
| M7ZH-0031-IAA | ARE35C5E-IAA |     |      | 1370 | 1570 | 1780 | 2020 | 2270 | 2550 | 2840 | 3160 | 3490 | 3840 |
| M7JH-H038-IAA | ARE48C5E-IAA |     |      | 1810 | 2070 | 2330 | 2620 | 2910 | 3220 | 3540 | 3870 | 4210 |      |
| M7JH-H038-IAV | ARE48C5E-IAV |     |      | 1810 | 2070 | 2330 | 2620 | 2910 | 3220 | 3540 | 3870 | 4210 |      |
| M7ZH-0041-IAA | ARE48C5E-IAA |     |      | 1850 | 2120 | 2410 | 2710 | 3030 | 3360 | 3720 | 4090 | 4480 | 4880 |
| M7ZH-0041-IAV | ARE48C5E-IAV |     |      | 1850 | 2120 | 2410 | 2710 | 3030 | 3360 | 3720 | 4090 | 4480 | 4880 |
| M7JH-H042-IAA | ARE54C5E-IAA |     |      | 1990 | 2280 | 2590 | 2900 | 3230 | 3570 | 3910 | 4260 |      |      |
| M7JH-H042-IAV | ARE54C5E-IAV |     |      | 1990 | 2280 | 2590 | 2900 | 3230 | 3570 | 3910 | 4260 |      |      |
| M7ZH-0045-IAA | ARE54C5E-IAA |     |      | 2050 | 2360 | 2690 | 3030 | 3380 | 3750 | 4140 | 4530 | 4950 | 5370 |
| M7ZH-0045-IAV | ARE54C5E-IAV |     |      | 2050 | 2360 | 2690 | 3030 | 3380 | 3750 | 4140 | 4530 | 4950 | 5370 |
| M7ZH-H046-IAA | RRT62C1E-IAA |     |      | 2190 | 2470 | 2790 | 3130 | 3490 | 3880 | 4290 | 4700 | 5130 | 5570 |
| M7ZH-H046-IAV | RRT62C1E-IAV |     |      | 2190 | 2470 | 2790 | 3130 | 3490 | 3880 | 4290 | 4700 | 5130 | 5570 |
| M7ZH-0051-IAV | RRT64C1E-IAV |     |      |      | 2790 | 3130 | 3510 | 3900 | 4320 | 4760 | 5210 | 5680 |      |
| M7ZH-0051-IAA | RRT64C1E-IAA |     |      |      | 2890 | 3260 | 3650 | 4050 | 4460 | 4880 | 5290 | 5700 |      |
| M7ZH-H055-CAA | RRT64C1E-CAA |     |      | 2540 | 2890 | 3260 | 3670 | 4110 | 4570 | 5050 | 5550 | 6070 | 6610 |
| M7ZH-H055-CAV | RRT64C1E-CAV |     |      | 2540 | 2890 | 3260 | 3670 | 4110 | 4570 | 5050 | 5550 | 6070 | 6610 |
| M7GH-H057-CAA | RRT64C1E-CAA |     |      | 2530 | 2890 | 3280 | 3700 | 4160 | 4640 | 5140 |      |      |      |
| M7GH-H057-CAV | RRT64C1E-CAV |     |      | 2530 | 2890 | 3280 | 3700 | 4160 | 4640 | 5140 |      |      |      |
| M7KH-0060-CAA | RRT64C1E-CAA |     |      | 2680 | 3050 | 3460 | 3900 | 4380 | 4890 | 5420 | 5980 | 6560 | 7170 |
| M7KH-0060-CAV | RRT64C1E-CAV |     |      | 2680 | 3050 | 3460 | 3900 | 4380 | 4890 | 5420 | 5980 | 6560 | 7170 |
| M7ZH-0062-CFA | RRT81C1E-PFA |     |      |      | 3170 | 3620 | 4140 | 4710 | 5320 | 5950 |      |      |      |
| M7ZH-0062-CFV | RRT81C1E-PFV |     |      |      | 3170 | 3620 | 4140 | 4710 | 5320 | 5950 |      |      |      |
| M7ZH-H067-CFA | RRT81C1E-PFA |     |      |      | 3260 | 3740 | 4280 | 4870 | 5500 | 6150 | 6800 |      |      |
| M7ZH-H067-CFV | RRT81C1E-PFV |     |      |      | 3260 | 3740 | 4280 | 4870 | 5500 | 6150 | 6800 |      |      |
| M7KH-0064-CAA | RRT73C1E-CAA |     |      | 2970 | 3410 | 3890 | 4380 | 4900 | 5440 | 6010 | 6610 | 7230 | 7880 |
| M7KH-0064-CAV | RRT73C1E-CAV |     |      | 2970 | 3410 | 3890 | 4380 | 4900 | 5440 | 6010 | 6610 | 7230 | 7880 |
| M7KH-0075-CFA | RRT81C1E-PFA |     |      | 3080 | 3530 | 4090 | 4710 | 5390 | 6110 | 6850 | 7590 | 8340 | 9060 |
| M7KH-0075-CFV | RRT81C1E-PFV |     |      | 3080 | 3530 | 4090 | 4710 | 5390 | 6110 | 6850 | 7590 | 8340 | 9060 |
| M7ZH-0070-CFA | RRT10K1E-PFA |     |      |      |      |      | 5130 | 5610 |      |      |      |      |      |
| M7ZH-0070-CFV | RRT10K1E-PFV |     |      |      |      |      | 5130 | 5610 |      |      |      |      |      |
| M7ZH-H076-CFA | RRT10K1E-PFA |     |      |      |      | 4780 | 5280 | 5790 | 6290 |      |      |      |      |
| M7ZH-H076-CFV | RRT10K1E-PFV |     |      |      |      | 4780 | 5280 | 5790 | 6290 |      |      |      |      |
| M7KH-0083-CFA | RRT81C1E-PFA |     | 2800 | 3210 | 3760 | 4410 | 5150 | 5950 | 6780 | 7630 |      |      |      |
| M7KH-0083-CFV | RRT81C1E-PFV |     | 2800 | 3210 | 3760 | 4410 | 5150 | 5950 | 6780 | 7630 |      |      |      |
| M7KH-0086-CFA | RRT10K1E-PFA |     |      |      | 4620 | 5200 | 5790 | 6390 | 7010 | 7640 | 8300 | 8970 | 9670 |
| M7KH-0086-CFV | RRT10K1E-PFV |     |      |      | 4620 | 5200 | 5790 | 6390 | 7010 | 7640 | 8300 | 8970 | 9670 |
| M7KH-0096-CFA | RRT10K1E-PFA |     | 3640 | 4270 | 4920 | 5590 | 6280 | 7010 | 7770 | 8580 |      |      |      |
| M7KH-0096-CFV | RRT10K1E-PFV |     | 3640 | 4270 | 4920 | 5590 | 6280 | 7010 | 7770 | 8580 |      |      |      |

Capacities rated at 40°F return gas (65°F return gas for capacities in **bold**), 5°F subcooling

# R-134a High Temp

# Copeland air-cooled condensing units

| Model         | Compressor   | -10 | -5 | 0    | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   |
|---------------|--------------|-----|----|------|------|------|------|------|------|------|------|------|------|
| 110° Ambient  |              |     |    |      |      |      |      |      |      |      |      |      |      |
| M7JH-0012-IAA | ARE13C4E-IAA |     |    |      | 581  | 664  | 755  | 853  | 959  | 1070 | 1200 | 1330 | 1470 |
| M7JH-H012-IAA | ARE13C4E-IAA |     |    | 524  | 608  | 699  | 798  | 907  | 1030 | 1160 | 1300 | 1450 | 1610 |
| M7ZH-0013-IAA | ARE13C4E-IAA |     |    | 535  | 621  | 715  | 817  | 930  | 1050 | 1190 | 1330 | 1490 | 1660 |
| M7JH-0014-IAA | ARE17C4E-IAA |     |    |      |      | 821  | 928  | 1040 | 1170 | 1300 | 1450 | 1600 | 1760 |
| M7JH-H015-IAA | ARE17C4E-IAA |     |    | 660  | 760  | 868  | 987  | 1120 | 1260 | 1410 | 1570 | 1750 | 1930 |
| M7ZH-0016-IAA | ARE17C4E-IAA |     |    | 674  | 777  | 888  | 1010 | 1140 | 1290 | 1440 | 1610 | 1800 | 1990 |
| M7JH-0018-IAA | ARE25C4E-IAA |     |    |      |      |      | 1220 | 1360 | 1510 | 1680 | 1850 |      |      |
| M7JH-H020-IAA | ARE25C4E-IAA |     |    | 911  | 1040 | 1180 | 1330 | 1500 | 1680 | 1880 | 2090 | 2320 | 2570 |
| M7JH-0021-IAA | ARE29C4E-IAA |     |    |      |      |      |      |      | 1740 |      |      |      |      |
| M7JH-H024-IAA | ARE29C4E-IAA |     |    |      | 1250 | 1400 | 1560 | 1740 | 1940 | 2160 | 2380 | 2620 | 2860 |
| M7JH-H029-IAA | ARE35C5E-IAA |     |    |      |      | 1610 | 1820 | 2050 | 2300 | 2560 | 2840 | 3130 |      |
| M7ZH-0031-IAA | ARE35C5E-IAA |     |    | 1270 | 1450 | 1650 | 1880 | 2120 | 2380 | 2650 | 2950 | 3260 | 3600 |
| M7JH-H038-IAA | ARE48C5E-IAA |     |    |      |      |      |      | 2700 | 2980 |      |      |      |      |
| M7JH-H038-IAV | ARE48C5E-IAV |     |    |      |      |      |      | 2700 | 2980 |      |      |      |      |
| M7ZH-0041-IAA | ARE48C5E-IAA |     |    |      | 2250 | 2530 | 2820 | 3120 | 3450 | 3780 | 4140 |      |      |
| M7ZH-0041-IAV | ARE48C5E-IAV |     |    |      | 2250 | 2530 | 2820 | 3120 | 3450 | 3780 | 4140 |      |      |
| M7ZH-0045-IAA | ARE54C5E-IAA |     |    |      |      | 2810 | 3140 | 3480 | 3830 |      |      |      |      |
| M7ZH-0045-IAV | ARE54C5E-IAV |     |    |      |      | 2810 | 3140 | 3480 | 3830 |      |      |      |      |
| M7ZH-H046-IAA | RRT62C1E-IAA |     |    |      | 2560 | 2870 | 3210 | 3570 | 3940 | 4330 |      |      |      |
| M7ZH-H046-IAV | RRT62C1E-IAV |     |    |      | 2560 | 2870 | 3210 | 3570 | 3940 | 4330 |      |      |      |
| M7ZH-0051-IAV | RRT64C1E-IAV |     |    |      | 2860 | 3210 | 3580 | 3970 |      |      |      |      |      |
| M7ZH-0051-IAA | RRT64C1E-IAA |     |    |      | 2950 | 3300 | 3670 | 4040 |      |      |      |      |      |
| M7GH-H057-CAA | RRT64C1E-CAA |     |    | 2590 | 2970 | 3370 | 3800 | 4260 | 4740 |      |      |      |      |
| M7GH-H057-CAV | RRT64C1E-CAV |     |    | 2590 | 2970 | 3370 | 3800 | 4260 | 4740 |      |      |      |      |
| M7ZH-H055-CAA | RRT64C1E-CAA |     |    |      | 3000 | 3400 | 3820 | 4260 | 4730 |      |      |      |      |
| M7ZH-H055-CAV | RRT64C1E-CAV |     |    |      | 3000 | 3400 | 3820 | 4260 | 4730 |      |      |      |      |
| M7KH-0060-CAA | RRT64C1E-CAA |     |    | 2770 | 3160 | 3580 | 4030 | 4520 | 5020 | 5560 | 6120 | 6700 |      |
| M7KH-0060-CAV | RRT64C1E-CAV |     |    | 2770 | 3160 | 3580 | 4030 | 4520 | 5020 | 5560 | 6120 | 6700 |      |
| M7ZH-0062-CFA | RRT81C1E-PFA |     |    |      |      |      | 3690 | 4230 |      |      |      |      |      |
| M7ZH-0062-CFV | RRT81C1E-PFV |     |    |      |      |      | 3690 | 4230 |      |      |      |      |      |
| M7ZH-H067-CFA | RRT81C1E-PFA |     |    |      | 3310 | 3810 | 4360 | 4960 |      |      |      |      |      |
| M7ZH-H067-CFV | RRT81C1E-PFV |     |    |      | 3310 | 3810 | 4360 | 4960 |      |      |      |      |      |
| M7KH-0064-CAA | RRT73C1E-CAA |     |    | 3110 | 3550 | 4010 | 4490 | 5000 | 5530 | 6080 | 6660 | 7260 |      |
| M7KH-0064-CAV | RRT73C1E-CAV |     |    | 3110 | 3550 | 4010 | 4490 | 5000 | 5530 | 6080 | 6660 | 7260 |      |
| M7KH-0075-CFA | RRT81C1E-PFA |     |    | 3110 | 3600 | 4170 | 4810 | 5500 | 6210 | 6950 | 7680 |      |      |
| M7KH-0075-CFV | RRT81C1E-PFV |     |    | 3110 | 3600 | 4170 | 4810 | 5500 | 6210 | 6950 | 7680 |      |      |
| M7KH-0083-CFA | RRT81C1E-PFA |     |    | 2790 | 3250 | 3830 | 4510 | 5270 | 6070 | 6910 |      |      |      |
| M7KH-0083-CFV | RRT81C1E-PFV |     |    | 2790 | 3250 | 3830 | 4510 | 5270 | 6070 | 6910 |      |      |      |
| M7KH-0086-CFA | RRT10K1E-PFA |     |    |      | 4740 | 5280 | 5840 | 6410 | 6990 |      |      |      |      |
| M7KH-0086-CFV | RRT10K1E-PFV |     |    |      | 4740 | 5280 | 5840 | 6410 | 6990 |      |      |      |      |
| M7KH-0096-CFA | RRT10K1E-PFA |     |    | 4450 | 5070 | 5720 | 6390 | 7080 | 7820 |      |      |      |      |
| M7KH-0096-CFV | RRT10K1E-PFV |     |    | 4450 | 5070 | 5720 | 6390 | 7080 | 7820 |      |      |      |      |

Capacities rated at 40°F return gas (65°F return gas for capacities in **bold**), 5°F subcooling

# R-290 Low Temp

# Copeland air-cooled condensing units

| Model         | Compressor   | -30  | -25  | -20  | -15  | -10  | -5   | 0    | 5    | 10   | 15   | 20   | 25   |
|---------------|--------------|------|------|------|------|------|------|------|------|------|------|------|------|
| 90° Ambient   |              |      |      |      |      |      |      |      |      |      |      |      |      |
| MUJL-0028-IAA | AFF10C1U-IAA |      | 912  | 1020 | 1150 | 1280 | 1430 | 1590 | 1750 | 1930 | 2120 | 2310 | 2520 |
| MUJL-H029-IAA | AFF10C1U-IAA |      | 961  | 1080 | 1220 | 1370 | 1540 | 1720 | 1910 | 2120 | 2340 | 2580 | 2830 |
| MUZL-0030-IAA | AFF10C1U-IAA |      | 978  | 1110 | 1250 | 1410 | 1580 | 1770 | 1970 | 2190 | 2430 | 2680 | 2950 |
| MUZL-H030-IAA | AFF10C1U-IAA |      | 987  | 1120 | 1260 | 1420 | 1600 | 1790 | 2000 | 2230 | 2470 | 2730 | 3000 |
| MUJL-0036-IAA | AFF13C4U-IAA | 978  | 1110 | 1250 | 1400 | 1550 | 1720 | 1900 |      |      |      |      |      |
| MUJL-H040-IAA | AFF13C4U-IAA | 1040 | 1180 | 1340 | 1510 | 1690 | 1880 | 2090 |      |      |      |      |      |
| MUZL-0044-IAA | AFF13C4U-IAA | 1060 | 1210 | 1370 | 1540 | 1730 | 1940 | 2160 | 2390 | 2650 |      |      |      |
| MUZL-H044-IAA | AFF13C4U-IAA | 1070 | 1220 | 1380 | 1560 | 1760 | 1970 | 2190 | 2430 | 2690 |      |      |      |
| MUGL-H045-IAA | AFF13C4U-IAA | 1090 | 1240 | 1410 | 1590 | 1790 | 2010 | 2250 | 2500 | 2780 |      |      |      |
| MUZL-0066-IAV | RFT22C1U-IAV | 1500 | 1730 | 1980 | 2250 | 2530 | 2840 | 3170 | 3520 | 3880 |      |      |      |
| MUZL-H067-IAV | RFT22C1U-IAV | 1520 | 1760 | 2010 | 2290 | 2580 | 2900 | 3240 | 3600 | 3980 |      |      |      |
| MUGL-H070-IAV | RFT22C1U-IAV | 1560 | 1810 | 2080 | 2370 | 2690 | 3030 | 3400 | 3800 | 4220 |      |      |      |
| MUZL-0077-CAA | RFT26C1U-CAA | 1910 | 2170 | 2440 | 2740 | 3060 | 3410 | 3770 |      |      |      |      |      |
| MUZL-0077-IAV | RFT26C1U-IAV | 1910 | 2170 | 2440 | 2740 | 3060 | 3410 | 3770 | 4160 | 4570 |      |      |      |
| MUZL-H078-CAA | RFT26C1U-CAA | 1950 | 2200 | 2490 | 2800 | 3130 | 3490 | 3870 | 4270 | 4690 |      |      |      |
| MUZL-H078-IAV | RFT26C1U-IAV | 1950 | 2200 | 2490 | 2800 | 3130 | 3490 | 3870 | 4270 | 4690 |      |      |      |
| MUZL-0081-CAA | RFT30C1U-CAA | 2030 | 2290 | 2580 | 2900 | 3230 | 3580 | 3960 |      |      |      |      |      |
| MUGL-H082-CAA | RFT26C1U-CAA | 2000 | 2280 | 2580 | 2910 | 3270 | 3660 | 4070 | 4520 | 5000 |      |      |      |
| MUGL-H082-IAV | RFT26C1U-IAV | 2000 | 2280 | 2580 | 2910 | 3270 | 3660 | 4070 | 4520 | 5000 |      |      |      |
| MUZL-H082-CAA | RFT30C1U-CAA | 2060 | 2330 | 2630 | 2950 | 3300 | 3670 | 4060 | 4470 | 4890 |      |      |      |
| MUGL-H086-CAA | RFT30C1U-CAA | 2120 | 2410 | 2730 | 3070 | 3450 | 3850 | 4290 | 4750 | 5250 |      |      |      |
| MUZL-0098-CFA | RFT37C1U-CFA | 2480 | 2790 | 3140 | 3510 | 3900 | 4310 | 4730 | 5150 | 5590 |      |      |      |
| MUZL-0098-CFV | RFT37C1U-CFV | 2480 | 2790 | 3140 | 3510 | 3900 | 4310 | 4730 | 5150 | 5590 |      |      |      |
| MUZL-H100-CFA | RFT37C1U-CFA | 2530 | 2850 | 3210 | 3600 | 4000 | 4430 | 4870 | 5310 | 5770 |      |      |      |
| MUZL-H100-CFV | RFT37C1U-CFV | 2530 | 2850 | 3210 | 3600 | 4000 | 4430 | 4870 | 5310 | 5770 |      |      |      |
| MUGL-H106-CFA | RFT37C1U-CFA | 2620 | 2980 | 3370 | 3800 | 4250 | 4730 | 5230 | 5750 | 6290 |      |      |      |
| MUGL-H106-CFV | RFT37C1U-CFV | 2620 | 2980 | 3370 | 3800 | 4250 | 4730 | 5230 | 5750 | 6290 |      |      |      |
| 100° Ambient  |              |      |      |      |      |      |      |      |      |      |      |      |      |
| MUJL-0028-IAA | AFF10C1U-IAA |      | 839  | 941  | 1050 | 1170 | 1310 | 1450 | 1600 | 1760 | 1930 | 2110 | 2300 |
| MUJL-H029-IAA | AFF10C1U-IAA |      | 886  | 998  | 1120 | 1260 | 1410 | 1580 | 1760 | 1950 | 2150 | 2370 | 2590 |
| MUZL-0030-IAA | AFF10C1U-IAA |      | 903  | 1020 | 1150 | 1290 | 1450 | 1620 | 1810 | 2010 | 2230 | 2460 | 2710 |
| MUZL-H030-IAA | AFF10C1U-IAA |      | 911  | 1030 | 1160 | 1310 | 1470 | 1650 | 1840 | 2050 | 2270 | 2510 | 2760 |
| MUJL-0036-IAA | AFF13C4U-IAA | 892  | 1010 | 1140 | 1280 | 1420 | 1570 | 1730 |      |      |      |      |      |
| MUJL-H040-IAA | AFF13C4U-IAA | 951  | 1080 | 1230 | 1380 | 1550 | 1730 | 1920 |      |      |      |      |      |
| MUZL-0044-IAA | AFF13C4U-IAA | 972  | 1110 | 1260 | 1420 | 1600 | 1790 | 1990 | 2200 | 2430 |      |      |      |
| MUZL-H044-IAA | AFF13C4U-IAA | 983  | 1120 | 1270 | 1440 | 1620 | 1810 | 2020 | 2240 | 2480 |      |      |      |
| MUGL-H045-IAA | AFF13C4U-IAA | 998  | 1140 | 1300 | 1470 | 1660 | 1860 | 2080 | 2310 | 2570 |      |      |      |
| MUZL-0066-IAV | RFT22C1U-IAV | 1360 | 1570 | 1800 | 2040 | 2300 | 2580 | 2880 | 3200 | 3540 |      |      |      |
| MUZL-H067-IAV | RFT22C1U-IAV | 1380 | 1600 | 1830 | 2080 | 2350 | 2640 | 2950 | 3280 | 3630 |      |      |      |
| MUGL-H070-IAV | RFT22C1U-IAV | 1420 | 1640 | 1890 | 2160 | 2450 | 2760 | 3100 | 3470 | 3860 |      |      |      |
| MUZL-0077-CAA | RFT26C1U-CAA | 1740 | 1970 | 2220 | 2500 | 2790 | 3100 | 3440 |      |      |      |      |      |
| MUZL-0077-IAV | RFT26C1U-IAV | 1740 | 1970 | 2220 | 2500 | 2790 | 3100 | 3440 | 3790 | 4160 |      |      |      |
| MUZL-H078-CAA | RFT26C1U-CAA | 1770 | 2010 | 2270 | 2550 | 2860 | 3180 | 3530 | 3900 | 4280 |      |      |      |
| MUZL-H078-IAV | RFT26C1U-IAV | 1770 | 2010 | 2270 | 2550 | 2860 | 3180 | 3530 | 3900 | 4280 |      |      |      |
| MUZL-0081-CAA | RFT30C1U-CAA | 1850 | 2100 | 2370 | 2650 | 2950 | 3270 | 3600 |      |      |      |      |      |
| MUGL-H082-CAA | RFT26C1U-CAA | 1820 | 2080 | 2360 | 2660 | 2990 | 3350 | 3740 | 4150 | 4590 |      |      |      |
| MUGL-H082-IAV | RFT26C1U-IAV | 1820 | 2080 | 2360 | 2660 | 2990 | 3350 | 3740 | 4150 | 4590 |      |      |      |
| MUZL-H082-CAA | RFT30C1U-CAA | 1880 | 2140 | 2410 | 2710 | 3020 | 3350 | 3700 | 4070 | 4450 |      |      |      |
| MUGL-H086-CAA | RFT30C1U-CAA | 1950 | 2210 | 2510 | 2830 | 3170 | 3540 | 3940 | 4360 | 4800 |      |      |      |
| MUZL-0098-CFA | RFT37C1U-CFA | 2260 | 2540 | 2850 | 3190 | 3540 | 3920 | 4300 | 4690 | 5080 |      |      |      |
| MUZL-0098-CFV | RFT37C1U-CFV | 2260 | 2540 | 2850 | 3190 | 3540 | 3920 | 4300 | 4690 | 5080 |      |      |      |
| MUZL-H100-CFA | RFT37C1U-CFA | 2300 | 2600 | 2920 | 3270 | 3640 | 4030 | 4430 | 4840 | 5250 |      |      |      |
| MUZL-H100-CFV | RFT37C1U-CFV | 2300 | 2600 | 2920 | 3270 | 3640 | 4030 | 4430 | 4840 | 5250 |      |      |      |
| MUGL-H106-CFA | RFT37C1U-CFA | 2400 | 2720 | 3080 | 3470 | 3880 | 4320 | 4780 | 5260 | 5760 |      |      |      |
| MUGL-H106-CFV | RFT37C1U-CFV | 2400 | 2720 | 3080 | 3470 | 3880 | 4320 | 4780 | 5260 | 5760 |      |      |      |

Capacities rated at 40°F return gas, 5°F subcooling

# R-290 Low Temp

# Copeland air-cooled condensing units

| Model         | Compressor   | -30  | -25  | -20  | -15  | -10  | -5   | 0    | 5    | 10   | 15   | 20   | 25   |
|---------------|--------------|------|------|------|------|------|------|------|------|------|------|------|------|
| 110° Ambient  |              |      |      |      |      |      |      |      |      |      |      |      |      |
| MUJL-0028-IAA | AFF10C1U-IAA |      |      | 853  | 953  | 1060 | 1180 | 1310 | 1450 | 1590 | 1750 |      |      |
| MUJL-H029-IAA | AFF10C1U-IAA |      | 807  | 909  | 1020 | 1150 | 1290 | 1440 | 1600 | 1780 | 1960 | 2160 | 2370 |
| MUZL-0030-IAA | AFF10C1U-IAA |      | 828  | 934  | 1050 | 1180 | 1330 | 1480 | 1660 | 1840 | 2040 | 2250 | 2480 |
| MUZL-H030-IAA | AFF10C1U-IAA |      | 836  | 942  | 1060 | 1200 | 1340 | 1500 | 1680 | 1870 | 2070 | 2290 | 2520 |
| MUJL-0036-IAA | AFF13C4U-IAA |      |      | 1030 | 1160 | 1280 | 1420 | 1560 |      |      |      |      |      |
| MUJL-H040-IAA | AFF13C4U-IAA | 860  | 983  | 1120 | 1260 | 1410 | 1570 | 1750 |      |      |      |      |      |
| MUZL-0044-IAA | AFF13C4U-IAA | 885  | 1010 | 1150 | 1300 | 1460 | 1630 | 1810 | 2010 | 2220 |      |      |      |
| MUZL-H044-IAA | AFF13C4U-IAA | 894  | 1020 | 1160 | 1320 | 1480 | 1660 | 1840 | 2050 | 2260 |      |      |      |
| MUGL-H045-IAA | AFF13C4U-IAA | 909  | 1040 | 1190 | 1350 | 1520 | 1700 | 1900 | 2120 | 2350 |      |      |      |
| MUZL-0066-IAV | RFT22C1U-IAV |      | 1410 | 1620 | 1840 | 2070 | 2330 | 2600 | 2890 | 3200 |      |      |      |
| MUZL-H067-IAV | RFT22C1U-IAV | 1250 | 1440 | 1650 | 1880 | 2120 | 2380 | 2670 | 2970 | 3290 |      |      |      |
| MUGL-H070-IAV | RFT22C1U-IAV | 1280 | 1480 | 1710 | 1950 | 2210 | 2500 | 2810 | 3140 | 3500 |      |      |      |
| MUZL-0077-CAA | RFT26C1U-CAA |      | 1770 | 2000 | 2240 | 2510 | 2790 | 3090 |      |      |      |      |      |
| MUZL-0077-IAV | RFT26C1U-IAV |      | 1770 | 2000 | 2240 | 2510 | 2790 | 3090 | 3400 | 3730 |      |      |      |
| MUZL-H078-CAA | RFT26C1U-CAA |      | 1800 | 2040 | 2300 | 2570 | 2870 | 3180 | 3510 | 3860 |      |      |      |
| MUZL-H078-IAV | RFT26C1U-IAV |      | 1800 | 2040 | 2300 | 2570 | 2870 | 3180 | 3510 | 3860 |      |      |      |
| MUZL-0081-CAA | RFT30C1U-CAA |      | 1890 | 2140 | 2390 | 2660 | 2940 | 3230 |      |      |      |      |      |
| MUGL-H082-CAA | RFT26C1U-CAA | 1640 | 1870 | 2130 | 2410 | 2710 | 3040 | 3390 | 3760 | 4170 |      |      |      |
| MUGL-H082-IAV | RFT26C1U-IAV | 1640 | 1870 | 2130 | 2410 | 2710 | 3040 | 3390 | 3760 | 4170 |      |      |      |
| MUZL-H082-CAA | RFT30C1U-CAA |      | 1930 | 2180 | 2450 | 2730 | 3020 | 3330 | 3650 | 3990 |      |      |      |
| MUGL-H086-CAA | RFT30C1U-CAA | 1760 | 2010 | 2280 | 2570 | 2880 | 3210 | 3570 | 3940 | 4340 |      |      |      |
| MUZL-0098-CFA | RFT37C1U-CFA |      |      | 2560 | 2870 | 3190 | 3520 | 3870 |      |      |      |      |      |
| MUZL-0098-CFV | RFT37C1U-CFV |      |      | 2560 | 2870 | 3190 | 3520 | 3870 |      |      |      |      |      |
| MUZL-H100-CFA | RFT37C1U-CFA |      | 2340 | 2630 | 2950 | 3280 | 3630 | 3990 |      |      |      |      |      |
| MUZL-H100-CFV | RFT37C1U-CFV |      | 2340 | 2630 | 2950 | 3280 | 3630 | 3990 |      |      |      |      |      |
| MUGL-H106-CFA | RFT37C1U-CFA |      | 2460 | 2780 | 3130 | 3510 | 3910 | 4330 | 4770 | 5220 |      |      |      |
| MUGL-H106-CFV | RFT37C1U-CFV |      | 2460 | 2780 | 3130 | 3510 | 3910 | 4330 | 4770 | 5220 |      |      |      |

Capacities rated at 40°F return gas, 5°F subcooling

# R-290 Medium Temp

# Copeland air-cooled condensing units

| Model         | Compressor   | -10  | -5   | 0    | 5    | 10   | 15   | 20   | 25   | 30   |
|---------------|--------------|------|------|------|------|------|------|------|------|------|
| 90° Ambient   |              |      |      |      |      |      |      |      |      |      |
| MUJM-0019-IAA | ASE12C4U-IAA | 861  | 969  | 1090 | 1220 | 1360 | 1500 | 1660 | 1820 |      |
| MUJM-H022-IAA | ASE12C4U-IAA | 922  | 1040 | 1160 | 1310 | 1460 | 1630 | 1800 | 1990 |      |
| MUJM-0022-IAA | ASE17C4U-IAA | 1040 | 1150 | 1270 | 1400 | 1550 | 1710 | 1870 | 2040 |      |
| MUZM-0023-IAA | ASE12C4U-IAA | 943  | 1060 | 1190 | 1340 | 1500 | 1670 | 1860 | 2050 | 2260 |
| MUZM-H024-IAA | ASE12C4U-IAA | 955  | 1070 | 1210 | 1350 | 1520 | 1690 | 1880 | 2080 | 2300 |
| MUGM-H024-IAA | ASE12C4U-IAA | 972  | 1090 | 1230 | 1380 | 1550 | 1730 | 1920 | 2130 | 2360 |
| MUJM-H024-IAA | ASE17C4U-IAA | 1100 | 1220 | 1360 | 1510 | 1680 | 1860 | 2050 | 2250 |      |
| MUZM-0026-IAA | ASE17C4U-IAA | 1120 | 1240 | 1390 | 1550 | 1720 | 1910 | 2110 | 2330 | 2550 |
| MUZM-H027-IAA | ASE17C4U-IAA | 1130 | 1260 | 1400 | 1570 | 1740 | 1940 | 2140 | 2360 | 2590 |
| MUGM-H028-IAA | ASE17C4U-IAA | 1150 | 1280 | 1430 | 1600 | 1780 | 1980 | 2200 | 2420 | 2670 |
| MUJM-0028-IAA | ASE24C4U-IAA | 1330 | 1500 | 1680 | 1870 | 2050 | 2250 | 2440 | 2650 |      |
| MUJM-H032-IAA | ASE24C4U-IAA | 1430 | 1630 | 1830 | 2050 | 2270 | 2510 | 2750 | 3010 |      |
| MUZM-0036-IAA | ASE24C4U-IAA | 1460 | 1670 | 1890 | 2110 | 2350 | 2600 | 2860 | 3140 | 3430 |
| MUZM-H036-IAA | ASE24C4U-IAA | 1480 | 1690 | 1910 | 2140 | 2390 | 2640 | 2910 | 3200 | 3500 |
| MUGM-H038-IAA | ASE24C4U-IAA | 1510 | 1720 | 1950 | 2200 | 2450 | 2720 | 3010 | 3310 | 3630 |
| MUJM-H039-IAA | ASE32C4U-IAA | 1970 | 2170 | 2390 | 2640 | 2910 | 3200 | 3500 | 3800 |      |
| MUZM-0046-IAA | ASE32C4U-IAA | 2060 | 2260 | 2500 | 2760 | 3050 | 3360 | 3690 | 4040 | 4390 |
| MUZM-H047-IAA | ASE32C4U-IAA | 2100 | 2310 | 2540 | 2810 | 3110 | 3430 | 3770 | 4130 | 4500 |
| MUGM-H049-IAA | ASE32C4U-IAA | 2190 | 2390 | 2640 | 2920 | 3230 | 3570 | 3940 | 4340 | 4750 |
| MUZP-0050-CAA | RST37C1U-CAA | 2010 | 2270 | 2560 | 2870 | 3210 | 3570 | 3960 | 4380 |      |
| MUZP-H051-CAA | RST37C1U-CAA | 2060 | 2330 | 2630 | 2940 | 3290 | 3660 | 4070 | 4500 | 4950 |
| MUGP-H054-CAA | RST37C1U-CAA | 2180 | 2460 | 2760 | 3090 | 3460 | 3860 | 4300 | 4780 | 5300 |
| MUZP-0059-CAA | RST44C1U-CAA | 2310 | 2690 | 3080 | 3470 | 3870 | 4280 | 4710 | 5160 |      |
| MUZP-H061-CAA | RST44C1U-CAA | 2340 | 2740 | 3140 | 3550 | 3960 | 4390 | 4840 | 5320 | 5820 |
| MUGP-H065-CAA | RST44C1U-CAA | 2410 | 2840 | 3280 | 3730 | 4190 | 4670 | 5180 | 5720 | 6300 |
| MUZP-0066-CAA | RST53C1U-CAA | 3020 | 3250 | 3550 | 3920 | 4340 | 4790 | 5270 | 5750 |      |
| MUZP-H068-CAA | RST53C1U-CAA | 3110 | 3340 | 3650 | 4020 | 4450 | 4920 | 5420 | 5930 | 6430 |
| MUZP-0072-CAV | RST58C1U-CAV | 3170 | 3520 | 3920 | 4350 | 4800 | 5280 | 5770 | 6260 |      |
| MUGP-H073-CAA | RST53C1U-CAA | 3290 | 3530 | 3850 | 4250 | 4730 | 5260 | 5840 | 6440 | 7070 |
| MUZP-H074-CAV | RST58C1U-CAV | 3240 | 3610 | 4030 | 4470 | 4950 | 5440 | 5950 | 6460 | 6970 |
| MUGP-H081-CAV | RST58C1U-CAV | 3400 | 3810 | 4270 | 4770 | 5310 | 5870 | 6450 | 7030 | 7620 |
| 100° Ambient  |              |      |      |      |      |      |      |      |      |      |
| MUJM-0019-IAA | ASE12C4U-IAA | 779  | 881  | 992  | 1110 | 1240 | 1370 | 1510 | 1650 |      |
| MUJM-H022-IAA | ASE12C4U-IAA | 828  | 939  | 1060 | 1190 | 1340 | 1490 | 1650 | 1830 |      |
| MUJM-0022-IAA | ASE17C4U-IAA | 955  | 1050 | 1170 | 1290 | 1420 | 1560 | 1700 | 1850 |      |
| MUZM-0023-IAA | ASE12C4U-IAA | 847  | 961  | 1090 | 1220 | 1370 | 1540 | 1710 | 1890 | 2080 |
| MUZM-H024-IAA | ASE12C4U-IAA | 857  | 971  | 1100 | 1240 | 1390 | 1560 | 1730 | 1920 | 2110 |
| MUGM-H024-IAA | ASE12C4U-IAA | 870  | 987  | 1120 | 1260 | 1420 | 1590 | 1770 | 1970 | 2170 |
| MUJM-H024-IAA | ASE17C4U-IAA | 1010 | 1120 | 1250 | 1390 | 1540 | 1710 | 1880 | 2070 |      |
| MUZM-0026-IAA | ASE17C4U-IAA | 1030 | 1150 | 1280 | 1430 | 1590 | 1760 | 1950 | 2140 | 2350 |
| MUZM-H027-IAA | ASE17C4U-IAA | 1040 | 1160 | 1300 | 1440 | 1610 | 1790 | 1980 | 2180 | 2390 |
| MUGM-H028-IAA | ASE17C4U-IAA | 1060 | 1180 | 1320 | 1470 | 1640 | 1830 | 2030 | 2240 | 2470 |
| MUJM-0028-IAA | ASE24C4U-IAA | 1210 | 1370 | 1530 | 1700 | 1870 | 2040 | 2220 | 2400 |      |
| MUJM-H032-IAA | ASE24C4U-IAA | 1320 | 1500 | 1690 | 1880 | 2090 | 2300 | 2530 | 2760 |      |
| MUZM-0036-IAA | ASE24C4U-IAA | 1350 | 1540 | 1740 | 1950 | 2170 | 2400 | 2640 | 2900 | 3170 |
| MUZM-H036-IAA | ASE24C4U-IAA | 1370 | 1560 | 1770 | 1980 | 2200 | 2440 | 2690 | 2950 | 3230 |
| MUGM-H038-IAA | ASE24C4U-IAA | 1390 | 1600 | 1810 | 2030 | 2270 | 2520 | 2790 | 3070 | 3370 |
| MUJM-H039-IAA | ASE32C4U-IAA | 1770 | 1970 | 2190 | 2420 | 2670 | 2930 | 3200 | 3460 |      |
| MUZM-0046-IAA | ASE32C4U-IAA | 1850 | 2060 | 2290 | 2540 | 2810 | 3100 | 3400 | 3700 | 4020 |
| MUZM-H047-IAA | ASE32C4U-IAA | 1890 | 2100 | 2330 | 2590 | 2870 | 3160 | 3480 | 3800 | 4130 |
| MUZP-0050-CAA | RST37C1U-CAA | 1720 | 1990 | 2280 | 2590 | 2900 | 3240 | 3590 | 3960 |      |
| MUGM-H049-IAA | ASE32C4U-IAA | 1960 | 2170 | 2420 | 2690 | 2990 | 3310 | 3650 | 4010 | 4390 |
| MUZP-H051-CAA | RST37C1U-CAA | 1760 | 2040 | 2340 | 2650 | 2970 | 3320 | 3690 | 4070 | 4480 |
| MUGP-H054-CAA | RST37C1U-CAA | 1850 | 2140 | 2440 | 2770 | 3130 | 3510 | 3920 | 4350 | 4820 |
| MUZP-0059-CAA | RST44C1U-CAA | 2110 | 2460 | 2810 | 3160 | 3520 | 3890 | 4290 | 4700 |      |
| MUZP-H061-CAA | RST44C1U-CAA | 2150 | 2510 | 2870 | 3230 | 3610 | 4000 | 4410 | 4840 | 5300 |
| MUGP-H065-CAA | RST44C1U-CAA | 2220 | 2610 | 3000 | 3400 | 3820 | 4260 | 4720 | 5220 | 5750 |
| MUZP-0066-CAA | RST53C1U-CAA | 2610 | 2870 | 3180 | 3540 | 3940 | 4370 | 4800 | 5230 |      |
| MUZP-H068-CAA | RST53C1U-CAA | 2700 | 2960 | 3280 | 3650 | 4060 | 4490 | 4950 | 5400 | 5840 |
| MUZP-0072-CAV | RST58C1U-CAV | 2880 | 3190 | 3540 | 3930 | 4350 | 4790 | 5240 | 5700 |      |
| MUGP-H073-CAA | RST53C1U-CAA | 2900 | 3160 | 3490 | 3880 | 4330 | 4820 | 5340 | 5880 | 6430 |
| MUZP-H074-CAV | RST58C1U-CAV | 2950 | 3280 | 3640 | 4050 | 4490 | 4950 | 5420 | 5890 | 6380 |
| MUGP-H081-CAV | RST58C1U-CAV | 3100 | 3470 | 3890 | 4350 | 4850 | 5370 | 5910 | 6470 | 7030 |

Capacities rated at 40°F return gas, 5°F subcooling

## R-290 Medium Temp

## Copeland air-cooled condensing units

| Model         | Compressor   | -10  | -5   | 0    | 5    | 10   | 15   | 20   | 25   | 30   |
|---------------|--------------|------|------|------|------|------|------|------|------|------|
| 110° Ambient  |              |      |      |      |      |      |      |      |      |      |
| MUJM-0019-IAA | ASE12C4U-IAA | 709  | 803  | 904  | 1010 | 1120 | 1240 | 1360 | 1480 |      |
| MUJM-H022-IAA | ASE12C4U-IAA | 746  | 850  | 963  | 1090 | 1220 | 1360 | 1500 | 1660 |      |
| MUJM-0022-IAA | ASE17C4U-IAA | 881  | 968  | 1070 | 1170 | 1290 | 1410 | 1540 | 1670 |      |
| MUZM-0023-IAA | ASE12C4U-IAA | 766  | 873  | 990  | 1120 | 1250 | 1400 | 1560 | 1720 | 1890 |
| MUZM-H024-IAA | ASE12C4U-IAA | 773  | 881  | 1000 | 1130 | 1270 | 1420 | 1580 | 1750 | 1920 |
| MUGM-H024-IAA | ASE12C4U-IAA | 785  | 896  | 1020 | 1150 | 1300 | 1450 | 1620 | 1800 | 1980 |
| MUJM-H024-IAA | ASE17C4U-IAA | 929  | 1030 | 1140 | 1270 | 1410 | 1560 | 1710 | 1880 |      |
| MUZM-0026-IAA | ASE17C4U-IAA | 951  | 1060 | 1180 | 1310 | 1450 | 1610 | 1780 | 1960 | 2140 |
| MUZM-H027-IAA | ASE17C4U-IAA | 960  | 1070 | 1190 | 1320 | 1470 | 1630 | 1810 | 1990 | 2180 |
| MUGM-H028-IAA | ASE17C4U-IAA | 974  | 1090 | 1210 | 1350 | 1510 | 1680 | 1860 | 2050 | 2260 |
| MUJM-0028-IAA | ASE24C4U-IAA | 1090 | 1230 | 1380 | 1520 | 1670 |      |      |      |      |
| MUJM-H032-IAA | ASE24C4U-IAA | 1190 | 1360 | 1530 | 1710 | 1900 | 2100 | 2300 | 2510 |      |
| MUZM-0036-IAA | ASE24C4U-IAA | 1230 | 1410 | 1590 | 1780 | 1980 | 2190 | 2410 | 2640 | 2890 |
| MUZM-H036-IAA | ASE24C4U-IAA | 1250 | 1430 | 1610 | 1810 | 2010 | 2230 | 2460 | 2700 | 2960 |
| MUGM-H038-IAA | ASE24C4U-IAA | 1280 | 1460 | 1660 | 1870 | 2080 | 2310 | 2560 | 2820 | 3090 |
| MUJM-H039-IAA | ASE32C4U-IAA | 1600 | 1790 | 1990 | 2210 | 2430 | 2660 | 2890 |      |      |
| MUZM-0046-IAA | ASE32C4U-IAA | 1670 | 1860 | 2080 | 2320 | 2560 | 2820 | 3090 | 3350 | 3620 |
| MUZM-H047-IAA | ASE32C4U-IAA | 1700 | 1900 | 2120 | 2360 | 2620 | 2890 | 3170 | 3450 | 3730 |
| MUZP-0050-CAA | RST37C1U-CAA | 1500 | 1770 | 2050 | 2330 | 2620 | 2920 | 3220 | 3530 |      |
| MUZP-H051-CAA | RST37C1U-CAA | 1530 | 1810 | 2090 | 2380 | 2680 | 2990 | 3310 | 3640 | 3990 |
| MUGM-H049-IAA | ASE32C4U-IAA | 1760 | 1970 | 2200 | 2460 | 2740 | 3030 | 3350 | 3670 | 4000 |
| MUGP-H054-CAA | RST37C1U-CAA | 1590 | 1880 | 2180 | 2490 | 2820 | 3160 | 3530 | 3910 | 4320 |
| MUZP-0059-CAA | RST44C1U-CAA | 1890 | 2210 | 2520 | 2840 | 3170 | 3510 | 3870 | 4260 |      |
| MUZP-H061-CAA | RST44C1U-CAA | 1940 | 2260 | 2590 | 2920 | 3250 | 3610 | 3990 | 4380 | 4810 |
| MUGP-H065-CAA | RST44C1U-CAA | 2020 | 2370 | 2720 | 3080 | 3460 | 3860 | 4280 | 4730 | 5220 |
| MUZP-0066-CAA | RST53C1U-CAA | 2160 | 2440 | 2770 | 3140 | 3530 | 3930 |      |      |      |
| MUZP-H068-CAA | RST53C1U-CAA | 2250 | 2540 | 2870 | 3240 | 3640 | 4060 | 4470 |      |      |
| MUZP-0072-CAV | RST58C1U-CAV | 2590 | 2850 | 3150 | 3500 | 3880 |      |      |      |      |
| MUGP-H073-CAA | RST53C1U-CAA | 2450 | 2740 | 3090 | 3480 | 3920 | 4380 | 4850 | 5330 | 5810 |
| MUZP-H074-CAV | RST58C1U-CAV | 2660 | 2930 | 3260 | 3620 | 4010 | 4440 |      |      |      |
| MUGP-H081-CAV | RST58C1U-CAV | 2800 | 3120 | 3490 | 3910 | 4370 | 4850 | 5360 | 5880 | 6410 |

Capacities rated at 40°F return gas, 5°F subcooling

# R-404A Low Temp/EMT

# Copeland air-cooled condensing units

| Model         | Compressor   | -30  | -25  | -20  | -15  | -10  | -5   | 0    | 5    | 10   | 15    | 20    | 25    | 30    |
|---------------|--------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| 90° Ambient   |              |      |      |      |      |      |      |      |      |      |       |       |       |       |
| M6JL-0021-IAA | AFE08C4E-IAA |      | 619  | 698  | 782  | 872  | 967  | 1070 | 1170 | 1270 | 1370  |       |       |       |
| M6JL-H023-IAA | AFE08C4E-IAA |      | 651  | 739  | 834  | 939  | 1050 | 1170 | 1290 | 1420 | 1550  |       |       |       |
| M6JL-0026-IAA | AFE11C4E-IAA |      | 787  | 891  | 1010 | 1130 | 1260 | 1390 | 1530 | 1670 | 1810  |       |       |       |
| M6JL-H030-IAA | AFE11C4E-IAA |      | 853  | 971  | 1100 | 1240 | 1400 | 1560 | 1740 | 1920 | 2110  |       |       |       |
| M6QL-H032-IAA | AFE11C4E-IAA |      | 863  | 982  | 1120 | 1260 | 1420 | 1590 | 1760 | 1950 | 2140  |       |       |       |
| M6ZL-0031-IAA | AFE11C4E-IAA |      | 865  | 987  | 1120 | 1270 | 1430 | 1610 | 1790 | 1990 | 2190  |       |       |       |
| M6JL-H038-IAA | AFE13C4E-IAA |      | 1120 | 1270 | 1430 | 1610 | 1800 | 2000 | 2200 | 2420 | 2640  |       |       |       |
| M6JL-0039-IAA | AFE17C4E-IAA |      | 1190 | 1330 | 1470 | 1620 | 1770 | 1920 | 2060 | 2190 | 2310  |       |       |       |
| M6JL-0039-IAV | AFE17C4E-IAV |      | 1190 | 1330 | 1470 | 1620 | 1770 | 1920 | 2060 | 2190 | 2310  |       |       |       |
| M6ZL-0040-IAA | AFE13C4E-IAA |      | 1140 | 1300 | 1470 | 1660 | 1860 | 2070 | 2300 | 2530 | 2770  |       |       |       |
| M6JL-H041-IAA | AFE14C5E-IAA |      | 1190 | 1350 | 1530 | 1730 | 1930 | 2150 | 2370 | 2610 | 2860  |       |       |       |
| M6JL-H041-IAV | AFE14C5E-IAV |      | 1190 | 1350 | 1530 | 1730 | 1930 | 2150 | 2370 | 2610 | 2860  |       |       |       |
| M6ZL-0042-IAA | AFE14C5E-IAA |      | 1210 | 1390 | 1580 | 1780 | 2000 | 2240 | 2490 | 2750 | 3030  |       |       |       |
| M6ZL-0042-IAV | AFE14C5E-IAV |      | 1210 | 1390 | 1580 | 1780 | 2000 | 2240 | 2490 | 2750 | 3030  |       |       |       |
| M6JL-H048-IAA | AFE17C4E-IAA |      | 1360 | 1540 | 1730 | 1940 | 2150 | 2380 | 2610 | 2850 | 3090  |       |       |       |
| M6JL-H048-IAV | AFE17C4E-IAV |      | 1360 | 1540 | 1730 | 1940 | 2150 | 2380 | 2610 | 2850 | 3090  |       |       |       |
| M6JL-H052-IAA | AFE20C5E-IAA |      | 1550 | 1770 | 2000 | 2240 | 2490 | 2740 | 3010 | 3270 | 3540  |       |       |       |
| M6JL-H052-IAV | AFE20C5E-IAV |      | 1550 | 1770 | 2000 | 2240 | 2490 | 2740 | 3010 | 3270 | 3540  |       |       |       |
| M6ZL-0055-IAA | AFE20C5E-IAA |      | 1600 | 1840 | 2080 | 2350 | 2630 | 2930 | 3230 | 3550 | 3880  |       |       |       |
| M6ZL-0055-IAV | AFE20C5E-IAV |      | 1600 | 1840 | 2080 | 2350 | 2630 | 2930 | 3230 | 3550 | 3880  |       |       |       |
| M6ZP-0053-IAA | RST45C1E-IAA |      | 1380 | 1740 | 2100 | 2460 | 2810 | 3170 | 3530 | 3890 | 4250  | 4610  | 4980  | 5340  |
| M6ZP-0053-IAV | RST45C1E-IAV |      | 1380 | 1740 | 2100 | 2460 | 2810 | 3170 | 3530 | 3890 | 4250  | 4610  | 4980  | 5340  |
| M6ZP-H059-CAA | RST45C1E-CAA |      | 1410 | 1770 | 2130 | 2480 | 2840 | 3190 | 3550 | 3920 | 4290  | 4670  | 5060  | 5450  |
| M6ZP-H059-CAV | RST45C1E-CAV |      | 1410 | 1770 | 2130 | 2480 | 2840 | 3190 | 3550 | 3920 | 4290  | 4670  | 5060  | 5450  |
| M6GP-H064-CAA | RST45C1E-CAA |      | 1460 | 1830 | 2210 | 2580 | 2970 | 3360 | 3760 | 4170 | 4600  | 5040  | 5490  | 5970  |
| M6GP-H064-CAV | RST45C1E-CAV |      | 1460 | 1830 | 2210 | 2580 | 2970 | 3360 | 3760 | 4170 | 4600  | 5040  | 5490  | 5970  |
| M6KP-0064-CAA | RST45C1E-CAA |      | 1470 | 1840 | 2220 | 2600 | 2980 | 3380 | 3790 | 4200 | 4640  | 5090  | 5560  | 6050  |
| M6KP-0064-CAV | RST45C1E-CAV |      | 1470 | 1840 | 2220 | 2600 | 2980 | 3380 | 3790 | 4200 | 4640  | 5090  | 5560  | 6050  |
| M6ZL-H064-CAA | RFT22C1E-CAA | 1470 | 1740 | 2030 | 2340 | 2660 | 2990 | 3350 | 3710 | 4080 |       |       |       |       |
| M6ZL-H064-CAV | RFT22C1E-CAV | 1470 | 1740 | 2030 | 2340 | 2660 | 2990 | 3350 | 3710 | 4080 |       |       |       |       |
| M6ZL-H064-IAA | RFT22C1E-IAA | 1470 | 1740 | 2030 | 2340 | 2660 | 2990 | 3350 | 3710 | 4080 |       |       |       |       |
| M6ZL-H064-IAV | RFT22C1E-IAV | 1470 | 1740 | 2030 | 2340 | 2660 | 2990 | 3350 | 3710 | 4080 |       |       |       |       |
| M6GL-H070-CAA | RFT22C1E-CAA | 1560 | 1840 | 2130 | 2450 | 2780 | 3140 | 3510 | 3900 | 4300 |       |       |       |       |
| M6GL-H070-CAV | RFT22C1E-CAV | 1560 | 1840 | 2130 | 2450 | 2780 | 3140 | 3510 | 3900 | 4300 |       |       |       |       |
| M6ZL-H066-CAV | AFE23C5E-CAV |      | 2110 | 2400 | 2710 | 3040 | 3400 | 3770 | 3770 | 3770 | 3770  |       |       |       |
| M6ZL-H076-CAV | AFE26C5E-CAV |      | 2120 | 2420 | 2740 | 3070 | 3430 | 3800 | 4180 | 4580 | 4980  |       |       |       |
| M6ZL-H078-CAA | RFT26C1E-CAA | 1790 | 2090 | 2410 | 2750 | 3100 | 3460 | 3840 | 4220 | 4620 |       |       |       |       |
| M6ZL-H078-CAV | RFT26C1E-CAV | 1790 | 2090 | 2410 | 2750 | 3100 | 3460 | 3840 | 4220 | 4620 |       |       |       |       |
| M6ZL-H078-IAA | RFT26C1E-IAA | 1790 | 2090 | 2410 | 2750 | 3100 | 3460 | 3840 | 4220 | 4620 |       |       |       |       |
| M6ZL-H078-IAV | RFT26C1E-IAV | 1790 | 2090 | 2410 | 2750 | 3100 | 3460 | 3840 | 4220 | 4620 |       |       |       |       |
| M6ZL-0078-IAA | RFT26C1E-IAA | 1790 | 2090 | 2420 | 2770 | 3130 | 3500 | 3870 | 4250 | 4610 |       |       |       |       |
| M6ZL-0078-IAV | RFT26C1E-IAV | 1790 | 2090 | 2420 | 2770 | 3130 | 3500 | 3870 | 4250 | 4610 |       |       |       |       |
| M6GP-H074-CAA | RST55C1E-CAA |      | 2280 | 2570 | 2900 | 3260 | 3660 | 4090 | 4540 | 5020 | 5510  | 6020  | 6550  | 7070  |
| M6GP-H074-CAV | RST55C1E-CAV |      | 2280 | 2570 | 2900 | 3260 | 3660 | 4090 | 4540 | 5020 | 5510  | 6020  | 6550  | 7070  |
| M6GL-H079-CAA | RFT26C1E-CAA | 1860 | 2180 | 2530 | 2890 | 3280 | 3690 | 4110 | 4560 | 5020 |       |       |       |       |
| M6GL-H079-CAV | RFT26C1E-CAV | 1860 | 2180 | 2530 | 2890 | 3280 | 3690 | 4110 | 4560 | 5020 |       |       |       |       |
| M6KP-0075-CAA | RST55C1E-CAA |      | 2300 | 2590 | 2920 | 3290 | 3690 | 4130 | 4590 | 5080 | 5590  | 6120  | 6660  | 7210  |
| M6KP-0075-CAV | RST55C1E-CAV |      | 2300 | 2590 | 2920 | 3290 | 3690 | 4130 | 4590 | 5080 | 5590  | 6120  | 6660  | 7210  |
| M6GP-H090-CAV | RST64C1E-CAV |      | 2650 | 3090 | 3550 | 4010 | 4490 | 4980 | 5480 | 6000 | 6520  | 7050  | 7580  | 8130  |
| M6GP-H090-CFA | RST64C1E-CFA |      | 2650 | 3090 | 3550 | 4010 | 4490 | 4980 | 5480 | 6000 | 6520  | 7050  | 7580  | 8130  |
| M6KP-0092-CAV | RST64C1E-CAV |      | 2660 | 3110 | 3580 | 4050 | 4540 | 5040 | 5560 | 6090 | 6630  | 7190  | 7750  | 8330  |
| M6KP-0092-CFA | RST64C1E-CFA |      | 2660 | 3110 | 3580 | 4050 | 4540 | 5040 | 5560 | 6090 | 6630  | 7190  | 7750  | 8330  |
| M6KP-0095-CFV | RST70C1E-PFV |      | 2620 | 3080 | 3570 | 4100 | 4650 | 5230 | 5820 | 6430 | 7050  | 7680  | 8310  | 8940  |
| M6ZL-0098-CFV | RST80C1E-PFV |      | 2870 | 3290 | 3730 | 4190 | 4640 | 5100 | 5560 | 6000 | 6420  | 6820  | 7210  |       |
| M6ZP-H090-CFA | RST80C1E-PFA |      | 2930 | 3370 | 3810 | 4280 | 4760 | 5240 | 5730 | 6220 | 6710  | 7190  | 7680  | 8150  |
| M6ZP-H090-CFV | RST80C1E-PFV |      | 2930 | 3370 | 3810 | 4280 | 4760 | 5240 | 5730 | 6220 | 6710  | 7190  | 7680  | 8150  |
| M6KP-0102-CAV | RST64C1E-CAV |      | 2850 | 3350 | 3870 | 4420 | 4990 | 5600 | 6240 | 6910 | 7620  | 8370  | 9150  | 9970  |
| M6KP-0102-CFA | RST64C1E-CFA |      | 2850 | 3350 | 3870 | 4420 | 4990 | 5600 | 6240 | 6910 | 7620  | 8370  | 9150  | 9970  |
| M6KP-0112-CFV | RST70C1E-PFV |      | 2940 | 3460 | 4010 | 4580 | 5200 | 5840 | 6530 | 7250 | 8010  | 8810  | 9650  | 10500 |
| M6KP-0106-CFV | RST80C1E-PFV |      | 3130 | 3620 | 4140 | 4690 | 5270 | 5870 | 6490 | 7120 | 7770  | 8430  | 9100  | 9770  |
| M6KL-0123-CFA | RFT42C1E-PFA | 2840 | 3310 | 3820 | 4350 | 4900 | 5470 | 6040 | 6630 | 7210 |       |       |       |       |
| M6KL-0123-CFV | RFT42C1E-PFV | 2840 | 3310 | 3820 | 4350 | 4900 | 5470 | 6040 | 6630 | 7210 |       |       |       |       |
| M6KP-0116-CFV | RST97C1E-PFV |      | 3600 | 4120 | 4660 | 5240 | 5840 | 6460 | 7090 | 7730 | 8370  | 9000  | 9620  | 10200 |
| M6KP-0127-CFV | RST80C1E-PFV |      | 3420 | 3990 | 4610 | 5270 | 5980 | 6720 | 7510 | 8330 | 9190  | 10100 | 11000 | 12000 |
| M6KP-0142-CFV | RST97C1E-PFV |      | 3970 | 4570 | 5220 | 5920 | 6670 | 7460 | 8290 | 9150 | 10000 | 11000 | 11900 | 12900 |

Capacities rated at 40°F return gas, 5°F subcooling



# R-404A Low Temp/EMT

# Copeland air-cooled condensing units

| Model         | Compressor   | -30  | -25  | -20  | -15  | -10  | -5   | 0    | 5    | 10   | 15   | 20   | 25    | 30    |
|---------------|--------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| 100° Ambient  |              |      |      |      |      |      |      |      |      |      |      |      |       |       |
| M6JL-0021-IAA | AFE08C4E-IAA |      | 542  | 614  | 691  | 773  | 860  | 949  | 1040 | 1140 | 1230 |      |       |       |
| M6JL-H023-IAA | AFE08C4E-IAA |      | 592  | 673  | 761  | 855  | 956  | 1060 | 1170 | 1290 | 1400 |      |       |       |
| M6JL-0026-IAA | AFE11C4E-IAA |      | 699  | 794  | 897  | 1010 | 1120 | 1240 | 1360 | 1480 | 1600 |      |       |       |
| M6JL-H030-IAA | AFE11C4E-IAA |      | 762  | 872  | 993  | 1120 | 1270 | 1410 | 1570 | 1730 | 1900 |      |       |       |
| M6QL-H032-IAA | AFE11C4E-IAA |      | 763  | 875  | 1000 | 1140 | 1280 | 1440 | 1600 | 1770 | 1950 |      |       |       |
| M6ZL-0031-IAA | AFE11C4E-IAA |      | 766  | 880  | 1010 | 1150 | 1300 | 1460 | 1630 | 1810 | 1990 |      |       |       |
| M6JL-0039-IAA | AFE17C4E-IAA |      |      |      | 1290 | 1420 | 1560 | 1690 |      |      |      |      |       |       |
| M6JL-0039-IAV | AFE17C4E-IAV |      |      |      | 1290 | 1420 | 1560 | 1690 |      |      |      |      |       |       |
| M6JL-H038-IAA | AFE13C4E-IAA |      | 1000 | 1150 | 1300 | 1460 | 1630 | 1810 | 2000 | 2190 | 2380 |      |       |       |
| M6ZL-0040-IAA | AFE13C4E-IAA |      | 1020 | 1170 | 1330 | 1510 | 1700 | 1890 | 2100 | 2320 | 2540 |      |       |       |
| M6JL-H041-IAA | AFE14C5E-IAA |      | 1060 | 1210 | 1380 | 1550 | 1730 | 1920 | 2120 | 2330 | 2550 |      |       |       |
| M6JL-H041-IAV | AFE14C5E-IAV |      | 1060 | 1210 | 1380 | 1550 | 1730 | 1920 | 2120 | 2330 | 2550 |      |       |       |
| M6ZL-0042-IAA | AFE14C5E-IAA |      | 1080 | 1240 | 1420 | 1610 | 1810 | 2030 | 2260 | 2500 | 2750 |      |       |       |
| M6ZL-0042-IAV | AFE14C5E-IAV |      | 1080 | 1240 | 1420 | 1610 | 1810 | 2030 | 2260 | 2500 | 2750 |      |       |       |
| M6JL-H048-IAA | AFE17C4E-IAA |      | 1210 | 1370 | 1540 | 1730 | 1920 | 2110 | 2310 | 2520 | 2720 |      |       |       |
| M6JL-H048-IAV | AFE17C4E-IAV |      | 1210 | 1370 | 1540 | 1730 | 1920 | 2110 | 2310 | 2520 | 2720 |      |       |       |
| M6JL-H052-IAA | AFE20C5E-IAA |      | 1390 | 1580 | 1780 | 1990 | 2210 | 2430 | 2650 | 2870 | 3100 |      |       |       |
| M6JL-H052-IAV | AFE20C5E-IAV |      | 1390 | 1580 | 1780 | 1990 | 2210 | 2430 | 2650 | 2870 | 3100 |      |       |       |
| M6ZL-0055-IAA | AFE20C5E-IAA |      | 1440 | 1650 | 1880 | 2120 | 2370 | 2630 | 2900 | 3190 | 3470 |      |       |       |
| M6ZL-0055-IAV | AFE20C5E-IAV |      | 1440 | 1650 | 1880 | 2120 | 2370 | 2630 | 2900 | 3190 | 3470 |      |       |       |
| M6ZP-0053-IAA | RST45C1E-IAA |      | 1160 | 1510 | 1850 | 2180 | 2510 | 2830 | 3150 | 3470 | 3790 | 4100 | 4410  | 4710  |
| M6ZP-0053-IAV | RST45C1E-IAV |      | 1160 | 1510 | 1850 | 2180 | 2510 | 2830 | 3150 | 3470 | 3790 | 4100 | 4410  | 4710  |
| M6ZP-H059-CAA | RST45C1E-CAA |      | 1180 | 1520 | 1870 | 2200 | 2540 | 2870 | 3200 | 3540 | 3870 | 4210 | 4550  | 4890  |
| M6ZP-H059-CAV | RST45C1E-CAV |      | 1180 | 1520 | 1870 | 2200 | 2540 | 2870 | 3200 | 3540 | 3870 | 4210 | 4550  | 4890  |
| M6GP-H064-CAA | RST45C1E-CAA |      | 1220 | 1580 | 1940 | 2290 | 2650 | 3010 | 3380 | 3750 | 4140 | 4540 | 4950  | 5380  |
| M6GP-H064-CAV | RST45C1E-CAV |      | 1220 | 1580 | 1940 | 2290 | 2650 | 3010 | 3380 | 3750 | 4140 | 4540 | 4950  | 5380  |
| M6KP-0064-CAA | RST45C1E-CAA |      | 1220 | 1590 | 1940 | 2300 | 2660 | 3030 | 3400 | 3790 | 4180 | 4590 | 5020  | 5460  |
| M6KP-0064-CAV | RST45C1E-CAV |      | 1220 | 1590 | 1940 | 2300 | 2660 | 3030 | 3400 | 3790 | 4180 | 4590 | 5020  | 5460  |
| M6ZL-H064-CAA | RFT22C1E-CAA | 1260 | 1500 | 1770 | 2050 | 2340 | 2660 | 2980 | 3320 | 3670 |      |      |       |       |
| M6ZL-H064-CAV | RFT22C1E-CAV | 1260 | 1500 | 1770 | 2050 | 2340 | 2660 | 2980 | 3320 | 3670 |      |      |       |       |
| M6ZL-H064-IAA | RFT22C1E-IAA | 1260 | 1500 | 1770 | 2050 | 2340 | 2660 | 2980 | 3320 | 3670 |      |      |       |       |
| M6ZL-H064-IAV | RFT22C1E-IAV | 1260 | 1500 | 1770 | 2050 | 2340 | 2660 | 2980 | 3320 | 3670 |      |      |       |       |
| M6GL-H070-CAA | RFT22C1E-CAA | 1360 | 1610 | 1870 | 2160 | 2460 | 2790 | 3130 | 3490 | 3860 |      |      |       |       |
| M6GL-H070-CAV | RFT22C1E-CAV | 1360 | 1610 | 1870 | 2160 | 2460 | 2790 | 3130 | 3490 | 3860 |      |      |       |       |
| M6ZL-H078-CAA | RFT26C1E-CAA | 1560 | 1830 | 2130 | 2440 | 2760 | 3100 | 3440 | 3800 | 4160 |      |      |       |       |
| M6ZL-H078-CAV | RFT26C1E-CAV | 1560 | 1830 | 2130 | 2440 | 2760 | 3100 | 3440 | 3800 | 4160 |      |      |       |       |
| M6ZL-H078-IAA | RFT26C1E-IAA | 1560 | 1830 | 2130 | 2440 | 2760 | 3100 | 3440 | 3800 | 4160 |      |      |       |       |
| M6ZL-H078-IAV | RFT26C1E-IAV | 1560 | 1830 | 2130 | 2440 | 2760 | 3100 | 3440 | 3800 | 4160 |      |      |       |       |
| M6ZL-0078-IAA | RFT26C1E-IAA | 1560 | 1840 | 2140 | 2450 | 2770 | 3100 | 3410 | 3730 | 4020 |      |      |       |       |
| M6ZL-0078-IAV | RFT26C1E-IAV | 1560 | 1840 | 2140 | 2450 | 2770 | 3100 | 3410 | 3730 | 4020 |      |      |       |       |
| M6ZL-H076-CAV | AFE26C5E-CAV |      | 1900 | 2180 | 2480 | 2790 | 3120 | 3460 | 3810 | 4160 | 4520 |      |       |       |
| M6ZL-H066-CAV | AFE23C5E-CAV |      | 1930 | 2200 | 2500 | 2810 | 3150 | 3500 | 3500 | 3500 | 3500 |      |       |       |
| M6GP-H074-CAA | RST55C1E-CAA |      | 1990 | 2240 | 2530 | 2850 | 3210 | 3600 | 4020 | 4460 | 4920 | 5390 | 5870  | 6350  |
| M6GP-H074-CAV | RST55C1E-CAV |      | 1990 | 2240 | 2530 | 2850 | 3210 | 3600 | 4020 | 4460 | 4920 | 5390 | 5870  | 6350  |
| M6KP-0075-CAA | RST55C1E-CAA |      | 2000 | 2250 | 2540 | 2870 | 3240 | 3640 | 4070 | 4520 | 4990 | 5480 | 5980  | 6490  |
| M6KP-0075-CAV | RST55C1E-CAV |      | 2000 | 2250 | 2540 | 2870 | 3240 | 3640 | 4070 | 4520 | 4990 | 5480 | 5980  | 6490  |
| M6GL-H079-CAA | RFT26C1E-CAA | 1620 | 1910 | 2220 | 2560 | 2910 | 3290 | 3680 | 4090 | 4510 |      |      |       |       |
| M6GL-H079-CAV | RFT26C1E-CAV | 1620 | 1910 | 2220 | 2560 | 2910 | 3290 | 3680 | 4090 | 4510 |      |      |       |       |
| M6GP-H090-CAV | RST64C1E-CAV |      | 2320 | 2740 | 3160 | 3590 | 4030 | 4480 | 4930 | 5390 | 5860 | 6330 | 6790  | 7250  |
| M6GP-H090-CFA | RST64C1E-CFA |      | 2320 | 2740 | 3160 | 3590 | 4030 | 4480 | 4930 | 5390 | 5860 | 6330 | 6790  | 7250  |
| M6KP-0092-CAV | RST64C1E-CAV |      | 2340 | 2760 | 3190 | 3630 | 4080 | 4540 | 5010 | 5490 | 5980 | 6480 | 6980  | 7490  |
| M6KP-0092-CFA | RST64C1E-CFA |      | 2340 | 2760 | 3190 | 3630 | 4080 | 4540 | 5010 | 5490 | 5980 | 6480 | 6980  | 7490  |
| M6KP-0095-CFV | RST70C1E-PFV |      | 2240 | 2670 | 3140 | 3630 | 4150 | 4690 | 5240 | 5800 | 6370 | 6930 | 7490  | 8050  |
| M6ZL-0098-CFV | RST80C1E-PFV |      | 2520 | 2900 | 3280 | 3680 | 4080 | 4480 | 4860 | 5230 |      |      |       |       |
| M6ZP-H090-CFA | RST80C1E-PFA |      | 2580 | 2980 | 3390 | 3810 | 4240 | 4670 | 5090 | 5490 | 5870 |      |       |       |
| M6ZP-H090-CFV | RST80C1E-PFV |      | 2580 | 2980 | 3390 | 3810 | 4240 | 4670 | 5090 | 5490 | 5870 |      |       |       |
| M6KP-0102-CAV | RST64C1E-CAV |      | 2500 | 2960 | 3450 | 3960 | 4490 | 5050 | 5630 | 6250 | 6910 | 7590 | 8310  | 9070  |
| M6KP-0102-CFA | RST64C1E-CFA |      | 2500 | 2960 | 3450 | 3960 | 4490 | 5050 | 5630 | 6250 | 6910 | 7590 | 8310  | 9070  |
| M6KP-0112-CFV | RST70C1E-PFV |      | 2490 | 2990 | 3500 | 4050 | 4620 | 5220 | 5860 | 6530 | 7230 | 7970 | 8740  | 9560  |
| M6KP-0106-CFV | RST80C1E-PFV |      | 2730 | 3170 | 3650 | 4150 | 4680 | 5230 | 5800 | 6380 | 6970 | 7560 | 8160  | 8750  |
| M6KL-0123-CFA | RFT42C1E-PFA | 2520 | 2960 | 3420 | 3900 | 4400 | 4900 | 5420 | 5940 | 6450 |      |      |       |       |
| M6KL-0123-CFV | RFT42C1E-PFV | 2520 | 2960 | 3420 | 3900 | 4400 | 4900 | 5420 | 5940 | 6450 |      |      |       |       |
| M6KP-0127-CFV | RST80C1E-PFV |      | 2950 | 3470 | 4030 | 4640 | 5290 | 5990 | 6720 | 7490 | 8300 | 9140 | 10000 | 10900 |
| M6KP-0116-CFV | RST97C1E-PFV |      | 3130 | 3620 | 4130 | 4660 | 5220 | 5790 | 6370 | 6950 | 7510 | 8070 | 8600  | 9110  |
| M6KP-0142-CFV | RST97C1E-PFV |      | 3440 | 4000 | 4610 | 5260 | 5950 | 6690 | 7460 | 8260 | 9080 | 9930 | 10800 | 11700 |

Capacities rated at 40°F return gas, 5°F subcooling

# R-404A Low Temp/EMT

# Copeland air-cooled condensing units

| Model         | Compressor   | -30  | -25  | -20  | -15  | -10  | -5   | 0    | 5    | 10   | 15   | 20   | 25   | 30   |
|---------------|--------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 110° Ambient  |              |      |      |      |      |      |      |      |      |      |      |      |      |      |
| M6JL-0021-IAA | AFE08C4E-IAA |      |      | 516  | 592  | 673  | 758  | 846  | 937  | 1030 | 1120 |      |      |      |
| M6JL-H023-IAA | AFE08C4E-IAA |      | 508  | 586  | 670  | 759  | 853  | 952  | 1050 | 1160 | 1260 |      |      |      |
| M6JL-0026-IAA | AFE11C4E-IAA |      |      |      | 808  | 905  | 1010 | 1110 | 1220 | 1330 | 1430 |      |      |      |
| M6JL-H030-IAA | AFE11C4E-IAA |      | 681  | 781  | 891  | 1010 | 1130 | 1270 | 1410 | 1550 | 1690 |      |      |      |
| M6QL-H032-IAA | AFE11C4E-IAA |      | 685  | 787  | 899  | 1020 | 1150 | 1290 | 1430 | 1580 | 1740 |      |      |      |
| M6ZL-0031-IAA | AFE11C4E-IAA |      | 686  | 790  | 905  | 1030 | 1170 | 1310 | 1460 | 1620 | 1790 |      |      |      |
| M6JL-H038-IAA | AFE13C4E-IAA |      |      | 1030 | 1170 | 1310 | 1470 | 1630 | 1790 | 1950 | 2120 |      |      |      |
| M6ZL-0040-IAA | AFE13C4E-IAA |      | 913  | 1050 | 1200 | 1360 | 1530 | 1710 | 1900 | 2090 | 2280 |      |      |      |
| M6JL-H041-IAA | AFE14C5E-IAA |      |      | 1070 | 1210 | 1370 | 1520 | 1690 | 1860 | 2040 | 2230 |      |      |      |
| M6JL-H041-IAV | AFE14C5E-IAV |      |      | 1070 | 1210 | 1370 | 1520 | 1690 | 1860 | 2040 | 2230 |      |      |      |
| M6ZL-0042-IAA | AFE14C5E-IAA |      | 955  | 1100 | 1260 | 1430 | 1610 | 1800 | 2000 | 2220 | 2440 |      |      |      |
| M6ZL-0042-IAV | AFE14C5E-IAV |      | 955  | 1100 | 1260 | 1430 | 1610 | 1800 | 2000 | 2220 | 2440 |      |      |      |
| M6JL-H048-IAA | AFE17C4E-IAA |      |      | 1210 | 1360 | 1520 | 1680 | 1850 | 2020 | 2180 | 2340 |      |      |      |
| M6JL-H048-IAV | AFE17C4E-IAV |      |      | 1210 | 1360 | 1520 | 1680 | 1850 | 2020 | 2180 | 2340 |      |      |      |
| M6JL-H052-IAA | AFE20C5E-IAA |      |      | 1390 | 1570 | 1740 | 1920 | 2110 | 2290 | 2460 |      |      |      |      |
| M6JL-H052-IAV | AFE20C5E-IAV |      |      | 1390 | 1570 | 1740 | 1920 | 2110 | 2290 | 2460 |      |      |      |      |
| M6ZL-0055-IAA | AFE20C5E-IAA |      |      | 1460 | 1660 | 1870 | 2090 | 2310 | 2540 | 2780 | 3010 |      |      |      |
| M6ZL-0055-IAV | AFE20C5E-IAV |      |      | 1460 | 1660 | 1870 | 2090 | 2310 | 2540 | 2780 | 3010 |      |      |      |
| M6ZP-0053-IAA | RST45C1E-IAA |      |      | 1280 | 1590 | 1890 | 2180 | 2460 | 2730 | 3000 | 3260 | 3510 | 3760 |      |
| M6ZP-0053-IAV | RST45C1E-IAV |      |      | 1280 | 1590 | 1890 | 2180 | 2460 | 2730 | 3000 | 3260 | 3510 | 3760 |      |
| M6ZP-H059-CAA | RST45C1E-CAA |      | 962  | 1290 | 1610 | 1920 | 2220 | 2520 | 2810 | 3100 | 3380 | 3660 | 3940 | 4200 |
| M6ZP-H059-CAV | RST45C1E-CAV |      | 962  | 1290 | 1610 | 1920 | 2220 | 2520 | 2810 | 3100 | 3380 | 3660 | 3940 | 4200 |
| M6GP-H064-CAA | RST45C1E-CAA |      | 991  | 1330 | 1670 | 2000 | 2330 | 2650 | 2990 | 3320 | 3670 | 4020 | 4380 | 4750 |
| M6GP-H064-CAV | RST45C1E-CAV |      | 991  | 1330 | 1670 | 2000 | 2330 | 2650 | 2990 | 3320 | 3670 | 4020 | 4380 | 4750 |
| M6KP-0064-CAA | RST45C1E-CAA |      | 996  | 1340 | 1680 | 2010 | 2340 | 2670 | 3010 | 3350 | 3700 | 4070 | 4440 | 4830 |
| M6KP-0064-CAV | RST45C1E-CAV |      | 996  | 1340 | 1680 | 2010 | 2340 | 2670 | 3010 | 3350 | 3700 | 4070 | 4440 | 4830 |
| M6ZL-H064-CAA | RFT22C1E-CAA | 1060 | 1270 | 1500 | 1740 | 2010 | 2280 | 2570 | 2870 | 3170 |      |      |      |      |
| M6ZL-H064-CAV | RFT22C1E-CAV | 1060 | 1270 | 1500 | 1740 | 2010 | 2280 | 2570 | 2870 | 3170 |      |      |      |      |
| M6ZL-H064-IAA | RFT22C1E-IAA | 1060 | 1270 | 1500 | 1740 | 2010 | 2280 | 2570 | 2870 | 3170 |      |      |      |      |
| M6ZL-H064-IAV | RFT22C1E-IAV | 1060 | 1270 | 1500 | 1740 | 2010 | 2280 | 2570 | 2870 | 3170 |      |      |      |      |
| M6GL-H070-CAA | RFT22C1E-CAA | 1150 | 1370 | 1610 | 1870 | 2150 | 2440 | 2750 | 3080 | 3430 |      |      |      |      |
| M6GL-H070-CAV | RFT22C1E-CAV | 1150 | 1370 | 1610 | 1870 | 2150 | 2440 | 2750 | 3080 | 3430 |      |      |      |      |
| M6ZL-H078-IAA | RFT26C1E-IAA |      | 1590 | 1850 | 2110 | 2370 | 2630 | 2880 | 3110 | 3320 |      |      |      |      |
| M6ZL-H078-IAV | RFT26C1E-IAV |      | 1590 | 1850 | 2110 | 2370 | 2630 | 2880 | 3110 | 3320 |      |      |      |      |
| M6ZL-H078-CAA | RFT26C1E-CAA |      | 1580 | 1840 | 2110 | 2400 | 2700 | 3000 | 3310 | 3620 |      |      |      |      |
| M6ZL-H078-CAV | RFT26C1E-CAV |      | 1580 | 1840 | 2110 | 2400 | 2700 | 3000 | 3310 | 3620 |      |      |      |      |
| M6ZL-H078-IAA | RFT26C1E-IAA |      | 1580 | 1840 | 2110 | 2400 | 2700 | 3000 | 3310 | 3620 |      |      |      |      |
| M6ZL-H078-IAV | RFT26C1E-IAV |      | 1580 | 1840 | 2110 | 2400 | 2700 | 3000 | 3310 | 3620 |      |      |      |      |
| M6GP-H074-CAA | RST55C1E-CAA |      |      | 1930 | 2180 | 2470 | 2790 | 3140 | 3520 | 3920 | 4330 | 4750 | 5170 | 5600 |
| M6GP-H074-CAV | RST55C1E-CAV |      |      | 1930 | 2180 | 2470 | 2790 | 3140 | 3520 | 3920 | 4330 | 4750 | 5170 | 5600 |
| M6ZL-H076-CAV | AFE26C5E-CAV |      |      | 1940 | 2200 | 2480 | 2770 | 3060 | 3360 | 3660 | 3950 |      |      |      |
| M6KP-0075-CAA | RST55C1E-CAA |      | 1730 | 1940 | 2190 | 2490 | 2810 | 3170 | 3550 | 3960 | 4390 | 4830 | 5280 | 5740 |
| M6KP-0075-CAV | RST55C1E-CAV |      | 1730 | 1940 | 2190 | 2490 | 2810 | 3170 | 3550 | 3960 | 4390 | 4830 | 5280 | 5740 |
| M6GL-H079-CAA | RFT26C1E-CAA | 1380 | 1640 | 1920 | 2230 | 2550 | 2880 | 3240 | 3610 | 3990 |      |      |      |      |
| M6GL-H079-CAV | RFT26C1E-CAV | 1380 | 1640 | 1920 | 2230 | 2550 | 2880 | 3240 | 3610 | 3990 |      |      |      |      |
| M6ZL-H066-CAV | AFE23C5E-CAV |      |      | 2000 | 2270 | 2560 | 2860 | 3180 | 3180 | 3180 | 3180 |      |      |      |
| M6KP-0095-CFV | RST70C1E-PFV |      |      | 2250 | 2680 | 3140 | 3620 | 4100 | 4600 | 5100 | 5600 | 6090 | 6560 | 7010 |
| M6GP-H090-CAV | RST64C1E-CAV |      |      | 2370 | 2760 | 3150 | 3550 | 3940 | 4340 | 4730 | 5120 | 5480 | 5810 |      |
| M6GP-H090-CFA | RST64C1E-CFA |      |      | 2370 | 2760 | 3150 | 3550 | 3940 | 4340 | 4730 | 5120 | 5480 | 5810 |      |
| M6ZL-0098-CFV | RST80C1E-PFV |      |      |      | 2840 | 3170 | 3500 | 3830 |      |      |      |      |      |      |
| M6KP-0092-CAV | RST64C1E-CAV |      |      | 2390 | 2780 | 3180 | 3590 | 4000 | 4410 | 4830 | 5250 | 5680 | 6090 | 6480 |
| M6KP-0092-CFA | RST64C1E-CFA |      |      | 2390 | 2780 | 3180 | 3590 | 4000 | 4410 | 4830 | 5250 | 5680 | 6090 | 6480 |
| M6ZP-H090-CFA | RST80C1E-PFA |      |      |      | 2950 | 3300 | 3660 | 4010 | 4340 |      |      |      |      |      |
| M6ZP-H090-CFV | RST80C1E-PFV |      |      |      | 2950 | 3300 | 3660 | 4010 | 4340 |      |      |      |      |      |
| M6KP-0106-CFV | RST80C1E-PFV |      |      | 2760 | 3170 | 3620 | 4090 | 4570 | 5070 | 5580 | 6090 | 6590 | 7080 |      |
| M6KP-0102-CAV | RST64C1E-CAV |      | 2330 | 2760 | 3200 | 3650 | 4120 | 4600 | 5110 | 5630 | 6170 | 6740 | 7320 | 7930 |
| M6KP-0102-CFA | RST64C1E-CFA |      | 2330 | 2760 | 3200 | 3650 | 4120 | 4600 | 5110 | 5630 | 6170 | 6740 | 7320 | 7930 |
| M6KP-0112-CFV | RST70C1E-PFV |      | 2290 | 2740 | 3220 | 3700 | 4210 | 4740 | 5290 | 5860 | 6450 | 7070 | 7710 | 8370 |
| M6KL-0123-CFA | RFT42C1E-PFA |      | 2610 | 3020 | 3440 | 3870 | 4310 | 4750 | 5180 | 5600 |      |      |      |      |
| M6KL-0123-CFV | RFT42C1E-PFV |      | 2610 | 3020 | 3440 | 3870 | 4310 | 4750 | 5180 | 5600 |      |      |      |      |
| M6KP-0116-CFV | RST97C1E-PFV |      |      | 3110 | 3580 | 4070 | 4580 | 5080 | 5590 | 6090 | 6560 |      |      |      |
| M6KP-0127-CFV | RST80C1E-PFV |      | 2730 | 3180 | 3680 | 4200 | 4760 | 5350 | 5970 | 6610 | 7280 | 7970 | 8680 | 9410 |
| M6KP-0142-CFV | RST97C1E-PFV |      | 3140 | 3640 | 4170 | 4740 | 5340 | 5960 | 6600 | 7260 | 7930 | 8610 | 9290 | 9970 |

Capacities rated at 40°F return gas, 5°F subcooling

# R-404A Medium Temp

# Copeland air-cooled condensing units

| Model         | Compressor   | -10  | -5   | 0    | 5    | 10   | 15   | 20   | 25   | 30   |
|---------------|--------------|------|------|------|------|------|------|------|------|------|
| 90° Ambient   |              |      |      |      |      |      |      |      |      |      |
| M6JM-0017-IAA | ASE12C4E-IAA | 785  | 883  | 989  | 1100 | 1220 | 1350 | 1480 | 1620 | 1750 |
| M6JM-H020-IAA | ASE12C4E-IAA | 855  | 967  | 1090 | 1230 | 1370 | 1530 | 1700 | 1880 | 2060 |
| M6ZM-0021-IAA | ASE12C4E-IAA | 868  | 983  | 1110 | 1250 | 1410 | 1580 | 1760 | 1950 | 2150 |
| M6JM-H023-IAA | ASE14C4E-IAA | 1060 | 1190 | 1320 | 1470 | 1640 | 1810 | 1990 | 2180 | 2380 |
| M6JM-H028-IAA | ASE20C4E-IAA | 1230 | 1470 | 1690 | 1900 | 2100 | 2300 | 2510 | 2730 | 2960 |
| M6JM-H028-IAV | ASE20C4E-IAV | 1230 | 1470 | 1690 | 1900 | 2100 | 2300 | 2510 | 2730 | 2960 |
| M6ZM-0031-IAA | ASE20C4E-IAA | 1200 | 1440 | 1670 | 1900 | 2110 | 2340 | 2570 | 2810 | 3080 |
| M6JM-H030-IAA | ASE24C5E-IAA | 1290 | 1560 | 1790 | 1990 | 2180 | 2390 | 2620 | 2890 | 3210 |
| M6ZM-0025-IAA | ASE14C4E-IAA | 1240 | 1490 | 1730 | 1960 | 2190 | 2420 | 2650 | 2910 | 3180 |
| M6ZM-0025-IAV | ASE20C4E-IAV | 1240 | 1490 | 1730 | 1960 | 2190 | 2420 | 2650 | 2910 | 3180 |
| M6ZM-H026-CAA | ASE20C4E-CAA | 1480 | 1600 | 1770 | 1970 | 2200 | 2450 | 2710 | 2980 | 3260 |
| M6ZM-0032-IAA | ASE24C5E-IAA | 1340 | 1610 | 1850 | 2070 | 2280 | 2510 | 2770 | 3080 | 3450 |
| M6ZM-H035-IAA | ASE24C5E-IAA | 1380 | 1650 | 1890 | 2110 | 2320 | 2560 | 2820 | 3140 | 3510 |
| M6JM-H035-IAA | ASE28C5E-IAA | 1880 | 1950 | 2070 | 2240 | 2470 | 2740 | 3050 | 3390 | 3760 |
| M6JM-H035-IAV | ASE28C5E-IAV | 1880 | 1950 | 2070 | 2240 | 2470 | 2740 | 3050 | 3390 | 3760 |
| M6ZM-0038-IAA | ASE28C5E-IAA | 1950 | 2030 | 2160 | 2360 | 2610 | 2910 | 3270 | 3660 | 4090 |
| M6ZM-0038-IAV | ASE28C5E-IAV | 1950 | 2030 | 2160 | 2360 | 2610 | 2910 | 3270 | 3660 | 4090 |
| M6JM-H043-IAA | ASE39C5E-IAA |      | 2560 | 2730 | 2950 | 3210 | 3510 | 3830 | 4170 | 4510 |
| M6ZM-0048-IAA | ASE39C5E-IAA | 2580 | 2710 | 2900 | 3160 | 3460 | 3810 | 4200 | 4620 | 5050 |
| M6ZM-H054-CAV | ASE39C5E-CAV | 2570 | 2740 | 2970 | 3240 | 3560 | 3910 | 4290 | 4680 | 5090 |
| 100° Ambient  |              |      |      |      |      |      |      |      |      |      |
| M6JM-0017-IAA | ASE12C4E-IAA |      | 776  | 871  | 972  | 1080 | 1190 | 1300 | 1420 | 1530 |
| M6JM-H020-IAA | ASE12C4E-IAA | 757  | 860  | 973  | 1100 | 1230 | 1370 | 1520 | 1680 | 1840 |
| M6ZM-0021-IAA | ASE12C4E-IAA | 761  | 868  | 987  | 1120 | 1260 | 1410 | 1580 | 1750 | 1930 |
| M6JM-H023-IAA | ASE14C4E-IAA |      | 1070 | 1190 | 1330 | 1470 | 1620 | 1780 | 1950 | 2130 |
| M6JM-H028-IAA | ASE20C4E-IAA |      | 1410 | 1580 | 1750 | 1900 | 2060 | 2220 | 2400 | 2590 |
| M6JM-H028-IAV | ASE20C4E-IAV |      | 1410 | 1580 | 1750 | 1900 | 2060 | 2220 | 2400 | 2590 |
| M6ZM-0031-IAA | ASE20C4E-IAA |      | 1380 | 1560 | 1750 | 1930 | 2110 | 2310 | 2520 | 2750 |
| M6JM-H030-IAA | ASE24C5E-IAA |      | 1380 | 1600 | 1780 | 1950 | 2130 | 2330 | 2560 | 2840 |
| M6ZM-0025-IAA | ASE14C4E-IAA |      | 1430 | 1620 | 1810 | 1990 | 2180 | 2380 | 2600 | 2830 |
| M6ZM-0025-IAV | ASE20C4E-IAV |      | 1430 | 1620 | 1810 | 1990 | 2180 | 2380 | 2600 | 2830 |
| M6ZM-H026-CAA | ASE20C4E-CAA | 1320 | 1420 | 1570 | 1750 | 1960 | 2190 | 2440 | 2690 | 2950 |
| M6ZM-0032-IAA | ASE24C5E-IAA |      | 1430 | 1660 | 1870 | 2060 | 2260 | 2500 | 2770 | 3100 |
| M6ZM-H035-IAA | ASE24C5E-IAA | 1180 | 1460 | 1690 | 1900 | 2100 | 2310 | 2550 | 2830 | 3180 |
| M6JM-H035-IAA | ASE28C5E-IAA |      | 1740 | 1840 | 1990 | 2190 | 2420 | 2690 | 2990 | 3320 |
| M6JM-H035-IAV | ASE28C5E-IAV |      | 1740 | 1840 | 1990 | 2190 | 2420 | 2690 | 2990 | 3320 |
| M6ZM-0038-IAA | ASE28C5E-IAA |      | 1820 | 1940 | 2120 | 2350 | 2620 | 2940 | 3300 | 3690 |
| M6ZM-0038-IAV | ASE28C5E-IAV |      | 1820 | 1940 | 2120 | 2350 | 2620 | 2940 | 3300 | 3690 |
| M6JM-H043-IAA | ASE39C5E-IAA |      |      | 2440 | 2620 | 2840 | 3090 | 3350 | 3630 | 3900 |
| M6ZM-0048-IAA | ASE39C5E-IAA |      | 2450 | 2630 | 2860 | 3130 | 3440 | 3780 | 4140 | 4510 |
| M6ZM-H054-CAV | ASE39C5E-CAV |      | 2480 | 2680 | 2930 | 3220 | 3550 | 3900 | 4260 | 4630 |
| 110° Ambient  |              |      |      |      |      |      |      |      |      |      |
| M6JM-0017-IAA | ASE12C4E-IAA |      |      | 859  | 952  | 1050 | 1150 | 1250 | 1350 |      |
| M6JM-H020-IAA | ASE12C4E-IAA |      |      | 861  | 970  | 1090 | 1210 | 1340 | 1480 | 1620 |
| M6ZM-0021-IAA | ASE12C4E-IAA |      |      | 875  | 992  | 1120 | 1250 | 1400 | 1550 | 1710 |
| M6JM-H023-IAA | ASE14C4E-IAA |      |      | 1060 | 1180 | 1310 | 1440 | 1580 | 1720 | 1880 |
| M6JM-H028-IAA | ASE20C4E-IAA |      |      |      | 1600 | 1700 | 1810 | 1930 | 2060 | 2200 |
| M6JM-H028-IAV | ASE20C4E-IAV |      |      |      | 1600 | 1700 | 1810 | 1930 | 2060 | 2200 |
| M6ZM-0031-IAA | ASE20C4E-IAA |      |      | 1470 | 1600 | 1740 | 1880 | 2030 | 2190 | 2380 |
| M6JM-H030-IAA | ASE24C5E-IAA |      |      |      | 1580 | 1730 | 1880 | 2040 | 2230 | 2460 |
| M6ZM-0025-IAA | ASE14C4E-IAA |      |      | 1520 | 1660 | 1790 | 1940 | 2090 | 2260 | 2450 |
| M6ZM-0025-IAV | ASE20C4E-IAV |      |      | 1520 | 1660 | 1790 | 1940 | 2090 | 2260 | 2450 |
| M6ZM-H026-CAA | ASE20C4E-CAA |      |      | 1400 | 1560 | 1740 | 1950 | 2170 | 2390 | 2620 |
| M6ZM-0032-IAA | ASE24C5E-IAA |      |      | 1470 | 1660 | 1830 | 2010 | 2200 | 2440 | 2720 |
| M6ZM-H035-IAA | ASE24C5E-IAA |      |      | 1500 | 1690 | 1870 | 2050 | 2260 | 2510 | 2810 |
| M6JM-H035-IAA | ASE28C5E-IAA |      |      |      | 1740 | 1900 | 2100 | 2340 | 2590 | 2870 |
| M6JM-H035-IAV | ASE28C5E-IAV |      |      |      | 1740 | 1900 | 2100 | 2340 | 2590 | 2870 |
| M6ZM-0038-IAA | ASE28C5E-IAA |      |      | 1710 | 1870 | 2060 | 2300 | 2580 | 2890 | 3230 |
| M6ZM-0038-IAV | ASE28C5E-IAV |      |      | 1710 | 1870 | 2060 | 2300 | 2580 | 2890 | 3230 |
| M6JM-H043-IAA | ASE39C5E-IAA |      |      |      |      | 2440 |      |      |      |      |
| M6ZM-0048-IAA | ASE39C5E-IAA |      |      |      | 2520 | 2750 | 3000 | 3280 | 3570 | 3860 |
| M6ZM-H054-CAV | ASE39C5E-CAV |      |      |      | 2610 | 2860 | 3150 | 3460 | 3780 | 4100 |

Capacities rated at 40°F return gas, 5°F subcooling

# R-448A Low Temp

# Copeland air-cooled condensing units

| Model         | Compressor   | -30  | -25  | -20  | -15  | -10  | -5   | 0    | 5    | 10   | 15   |
|---------------|--------------|------|------|------|------|------|------|------|------|------|------|
| 90° Ambient   |              |      |      |      |      |      |      |      |      |      |      |
| M6JL-0021-IAA | AFE08C4E-IAA |      | 615  | 692  | 785  | 891  | 1010 | 1140 | 1270 | 1410 | 1560 |
| M6JL-H023-IAA | AFE08C4E-IAA |      | 609  | 698  | 804  | 926  | 1060 | 1210 | 1380 | 1550 | 1730 |
| M6JL-0026-IAA | AFE11C4E-IAA |      | 701  | 790  | 896  | 1020 | 1150 | 1300 | 1450 | 1610 | 1770 |
| M6JL-H030-IAA | AFE11C4E-IAA |      | 710  | 812  | 935  | 1080 | 1230 | 1410 | 1590 | 1790 | 1990 |
| M6QL-H032-IAA | AFE11C4E-IAA |      | 710  | 813  | 937  | 1080 | 1240 | 1410 | 1600 | 1800 | 2010 |
| M6ZL-0031-IAA | AFE11C4E-IAA |      | 710  | 814  | 940  | 1080 | 1250 | 1430 | 1620 | 1830 | 2040 |
| M6JL-H038-IAA | AFE13C4E-IAA |      | 915  | 1050 | 1200 | 1380 | 1580 | 1790 | 2020 | 2260 | 2510 |
| M6ZL-0040-IAA | AFE13C4E-IAA |      | 921  | 1060 | 1220 | 1400 | 1610 | 1840 | 2080 | 2340 | 2610 |
| M6JL-0039-IAA | AFE17C4E-IAA |      | 1050 | 1180 | 1330 | 1500 | 1680 | 1870 | 2070 | 2280 | 2490 |
| M6JL-0039-IAV | AFE17C4E-IAV |      | 1050 | 1180 | 1330 | 1500 | 1680 | 1870 | 2070 | 2280 | 2490 |
| M6ZL-0042-IAA | AFE14C5E-IAA |      | 1040 | 1180 | 1350 | 1530 | 1730 | 1950 | 2190 | 2440 | 2700 |
| M6ZL-0042-IAV | AFE14C5E-IAV |      | 1040 | 1180 | 1350 | 1530 | 1730 | 1950 | 2190 | 2440 | 2700 |
| M6JL-H041-IAA | AFE14C5E-IAA |      | 1030 | 1190 | 1370 | 1570 | 1780 | 2010 | 2260 | 2510 | 2770 |
| M6JL-H041-IAV | AFE14C5E-IAV |      | 1030 | 1190 | 1370 | 1570 | 1780 | 2010 | 2260 | 2510 | 2770 |
| M6JL-H048-IAA | AFE17C4E-IAA |      | 1140 | 1300 | 1490 | 1700 | 1930 | 2180 | 2430 | 2700 | 2960 |
| M6JL-H048-IAV | AFE17C4E-IAV |      | 1140 | 1300 | 1490 | 1700 | 1930 | 2180 | 2430 | 2700 | 2960 |
| M6JL-H052-IAA | AFE20C5E-IAA |      | 1350 | 1560 | 1790 | 2040 | 2300 | 2590 | 2880 | 3170 | 3460 |
| M6JL-H052-IAV | AFE20C5E-IAV |      | 1350 | 1560 | 1790 | 2040 | 2300 | 2590 | 2880 | 3170 | 3460 |
| M6ZL-0055-IAA | AFE20C5E-IAA |      | 1380 | 1590 | 1840 | 2110 | 2400 | 2710 | 3030 | 3360 | 3700 |
| M6ZL-0055-IAV | AFE20C5E-IAV |      | 1380 | 1590 | 1840 | 2110 | 2400 | 2710 | 3030 | 3360 | 3700 |
| M6ZL-H064-CAA | RFT22C1E-CAA | 1160 | 1350 | 1570 | 1840 | 2140 | 2470 | 2830 | 3220 | 3620 |      |
| M6ZL-H064-CAV | RFT22C1E-CAV | 1160 | 1350 | 1570 | 1840 | 2140 | 2470 | 2830 | 3220 | 3620 |      |
| M6ZL-H064-IAA | RFT22C1E-IAA | 1160 | 1350 | 1570 | 1840 | 2140 | 2470 | 2830 | 3220 | 3620 |      |
| M6ZL-H064-IAV | RFT22C1E-IAV | 1160 | 1350 | 1570 | 1840 | 2140 | 2470 | 2830 | 3220 | 3620 |      |
| M6ZL-0063-IAA | RFT22C1E-IAA | 1170 | 1360 | 1590 | 1850 | 2150 | 2480 | 2840 | 3220 | 3620 |      |
| M6ZL-0063-IAV | RFT22C1E-IAV | 1170 | 1360 | 1590 | 1850 | 2150 | 2480 | 2840 | 3220 | 3620 |      |
| M6GL-H070-CAA | RFT22C1E-CAA | 1240 | 1440 | 1680 | 1970 | 2300 | 2660 | 3060 | 3500 | 3960 |      |
| M6GL-H070-CAV | RFT22C1E-CAV | 1240 | 1440 | 1680 | 1970 | 2300 | 2660 | 3060 | 3500 | 3960 |      |
| M6ZL-H066-CAV | AFE23C5E-CAV |      | 1620 | 1880 | 2160 | 2470 | 2810 | 3170 | 3550 | 3950 | 4360 |
| M6ZL-0078-IAA | RFT26C1E-IAA | 1400 | 1620 | 1890 | 2200 | 2550 | 2930 | 3330 | 3770 | 4210 |      |
| M6ZL-0078-IAV | RFT26C1E-IAV | 1400 | 1620 | 1890 | 2200 | 2550 | 2930 | 3330 | 3770 | 4210 |      |
| M6ZL-H078-CAA | RFT26C1E-CAA | 1490 | 1730 | 2010 | 2340 | 2720 | 3130 | 3570 | 4030 | 4520 |      |
| M6ZL-H078-CAV | RFT26C1E-CAV | 1490 | 1730 | 2010 | 2340 | 2720 | 3130 | 3570 | 4030 | 4520 |      |
| M6ZL-H078-IAA | RFT26C1E-IAA | 1490 | 1730 | 2010 | 2340 | 2720 | 3130 | 3570 | 4030 | 4520 |      |
| M6ZL-H078-IAV | RFT26C1E-IAV | 1490 | 1730 | 2010 | 2340 | 2720 | 3130 | 3570 | 4030 | 4520 |      |
| M6ZL-H076-CAV | AFE26C5E-CAV |      | 1800 | 2090 | 2400 | 2750 | 3120 | 3520 | 3940 | 4370 | 4810 |
| M6GL-H079-CAA | RFT26C1E-CAA | 1520 | 1770 | 2070 | 2420 | 2820 | 3260 | 3740 | 4250 | 4800 |      |
| M6GL-H079-CAV | RFT26C1E-CAV | 1520 | 1770 | 2070 | 2420 | 2820 | 3260 | 3740 | 4250 | 4800 |      |
| M6ZL-0098-CFV | RST80C1E-PFV |      |      |      |      |      |      | 5150 | 5700 | 6270 |      |
| M6KL-0123-CFA | RFT42C1E-PFA | 2660 | 2900 | 3270 | 3720 | 4250 | 4840 | 5460 | 6110 | 6780 |      |
| M6KL-0123-CFV | RFT42C1E-PFV | 2660 | 2900 | 3270 | 3720 | 4250 | 4840 | 5460 | 6110 | 6780 |      |

Capacities rated at 40°F return gas, 5°F subcooling

# R-448A Low Temp

# Copeland air-cooled condensing units

| Model         | Compressor   | -30 | -25  | -20  | -15  | -10  | -5   | 0    | 5    | 10   | 15   |
|---------------|--------------|-----|------|------|------|------|------|------|------|------|------|
| 100° Ambient  |              |     |      |      |      |      |      |      |      |      |      |
| M6JL-0021-IAA | AFE08C4E-IAA |     | 567  | 638  | 722  | 819  | 927  | 1040 | 1170 | 1300 | 1430 |
| M6JL-H023-IAA | AFE08C4E-IAA |     | 552  | 637  | 736  | 851  | 978  | 1120 | 1270 | 1420 | 1590 |
| M6JL-0026-IAA | AFE11C4E-IAA |     | 641  | 723  | 820  | 931  | 1050 | 1190 | 1320 | 1470 | 1620 |
| M6JL-H030-IAA | AFE11C4E-IAA |     | 642  | 740  | 856  | 988  | 1130 | 1290 | 1460 | 1640 | 1830 |
| M6QL-H032-IAA | AFE11C4E-IAA |     | 643  | 741  | 858  | 991  | 1140 | 1300 | 1470 | 1660 | 1850 |
| M6ZL-0031-IAA | AFE11C4E-IAA |     | 642  | 742  | 860  | 996  | 1150 | 1310 | 1490 | 1680 | 1880 |
| M6JL-H038-IAA | AFE13C4E-IAA |     | 825  | 950  | 1100 | 1260 | 1450 | 1650 | 1860 | 2080 | 2310 |
| M6ZL-0040-IAA | AFE13C4E-IAA |     | 831  | 960  | 1110 | 1290 | 1480 | 1690 | 1920 | 2150 | 2400 |
| M6JL-0039-IAA | AFE17C4E-IAA |     |      |      | 1200 | 1350 | 1510 | 1690 |      |      |      |
| M6JL-0039-IAV | AFE17C4E-IAV |     |      |      | 1200 | 1350 | 1510 | 1690 |      |      |      |
| M6ZL-0042-IAA | AFE14C5E-IAA |     | 929  | 1070 | 1230 | 1400 | 1590 | 1800 | 2010 | 2240 | 2480 |
| M6ZL-0042-IAV | AFE14C5E-IAV |     | 929  | 1070 | 1230 | 1400 | 1590 | 1800 | 2010 | 2240 | 2480 |
| M6JL-H041-IAA | AFE14C5E-IAA |     | 921  | 1070 | 1230 | 1420 | 1620 | 1830 | 2060 | 2290 | 2530 |
| M6JL-H041-IAV | AFE14C5E-IAV |     | 921  | 1070 | 1230 | 1420 | 1620 | 1830 | 2060 | 2290 | 2530 |
| M6JL-H048-IAA | AFE17C4E-IAA |     | 1050 | 1190 | 1350 | 1550 | 1760 | 1990 | 2230 | 2470 | 2720 |
| M6JL-H048-IAV | AFE17C4E-IAV |     | 1050 | 1190 | 1350 | 1550 | 1760 | 1990 | 2230 | 2470 | 2720 |
| M6JL-H052-IAA | AFE20C5E-IAA |     | 1220 | 1410 | 1620 | 1850 | 2090 | 2350 | 2610 | 2880 | 3140 |
| M6JL-H052-IAV | AFE20C5E-IAV |     | 1220 | 1410 | 1620 | 1850 | 2090 | 2350 | 2610 | 2880 | 3140 |
| M6ZL-0055-IAA | AFE20C5E-IAA |     | 1240 | 1440 | 1670 | 1910 | 2180 | 2460 | 2750 | 3050 | 3360 |
| M6ZL-0055-IAV | AFE20C5E-IAV |     | 1240 | 1440 | 1670 | 1910 | 2180 | 2460 | 2750 | 3050 | 3360 |
| M6ZL-H064-CAA | RFT22C1E-CAA |     | 1210 | 1420 | 1670 | 1940 | 2250 | 2580 | 2930 | 3310 |      |
| M6ZL-H064-CAV | RFT22C1E-CAV |     | 1210 | 1420 | 1670 | 1940 | 2250 | 2580 | 2930 | 3310 |      |
| M6ZL-H064-IAA | RFT22C1E-IAA |     | 1210 | 1420 | 1670 | 1940 | 2250 | 2580 | 2930 | 3310 |      |
| M6ZL-H064-IAV | RFT22C1E-IAV |     | 1210 | 1420 | 1670 | 1940 | 2250 | 2580 | 2930 | 3310 |      |
| M6ZL-0063-IAA | RFT22C1E-IAA |     | 1220 | 1430 | 1670 | 1950 | 2250 | 2580 | 2930 | 3290 |      |
| M6ZL-0063-IAV | RFT22C1E-IAV |     | 1220 | 1430 | 1670 | 1950 | 2250 | 2580 | 2930 | 3290 |      |
| M6GL-H070-CAA | RFT22C1E-CAA |     | 1290 | 1520 | 1790 | 2090 | 2430 | 2800 | 3200 | 3630 |      |
| M6GL-H070-CAV | RFT22C1E-CAV |     | 1290 | 1520 | 1790 | 2090 | 2430 | 2800 | 3200 | 3630 |      |
| M6ZL-H066-CAV | AFE23C5E-CAV |     | 1470 | 1710 | 1970 | 2260 | 2570 | 2910 | 3260 | 3620 | 4000 |
| M6ZL-0078-IAA | RFT26C1E-IAA |     |      | 1700 | 1980 | 2300 | 2650 | 3020 | 3410 | 3820 |      |
| M6ZL-0078-IAV | RFT26C1E-IAV |     |      | 1700 | 1980 | 2300 | 2650 | 3020 | 3410 | 3820 |      |
| M6ZL-H078-CAA | RFT26C1E-CAA |     | 1550 | 1820 | 2120 | 2460 | 2840 | 3240 | 3670 | 4110 |      |
| M6ZL-H078-CAV | RFT26C1E-CAV |     | 1550 | 1820 | 2120 | 2460 | 2840 | 3240 | 3670 | 4110 |      |
| M6ZL-H078-IAA | RFT26C1E-IAA |     | 1550 | 1820 | 2120 | 2460 | 2840 | 3240 | 3670 | 4110 |      |
| M6ZL-H078-IAV | RFT26C1E-IAV |     | 1550 | 1820 | 2120 | 2460 | 2840 | 3240 | 3670 | 4110 |      |
| M6ZL-H076-CAV | AFE26C5E-CAV |     | 1640 | 1900 | 2190 | 2510 | 2860 | 3220 | 3600 | 4000 | 4400 |
| M6GL-H079-CAA | RFT26C1E-CAA |     | 1590 | 1870 | 2200 | 2560 | 2970 | 3410 | 3890 | 4390 |      |
| M6GL-H079-CAV | RFT26C1E-CAV |     | 1590 | 1870 | 2200 | 2560 | 2970 | 3410 | 3890 | 4390 |      |
| M6ZL-0098-CFV | RST80C1E-PFV |     |      |      |      |      |      |      |      | 5200 |      |
| M6KL-0123-CFA | RFT42C1E-PFA |     |      | 3150 | 3500 | 3930 | 4430 | 4980 | 5570 | 6180 |      |
| M6KL-0123-CFV | RFT42C1E-PFV |     |      | 3150 | 3500 | 3930 | 4430 | 4980 | 5570 | 6180 |      |

Capacities rated at 40°F return gas, 5°F subcooling

# R-448A Low Temp

# Copeland air-cooled condensing units

| Model         | Compressor   | -30 | -25 | -20  | -15  | -10  | -5   | 0    | 5    | 10   | 15   |
|---------------|--------------|-----|-----|------|------|------|------|------|------|------|------|
| 110° Ambient  |              |     |     |      |      |      |      |      |      |      |      |
| M6JL-0021-IAA | AFE08C4E-IAA |     |     |      | 612  | 711  | 819  | 934  | 1050 | 1180 | 1300 |
| M6JL-H023-IAA | AFE08C4E-IAA |     | 501 | 582  | 676  | 783  | 902  | 1030 | 1170 | 1310 | 1460 |
| M6JL-0026-IAA | AFE11C4E-IAA |     |     |      | 699  | 812  | 933  | 1060 | 1190 | 1330 |      |
| M6QL-H032-IAA | AFE11C4E-IAA |     |     | 655  | 767  | 894  | 1030 | 1180 | 1340 | 1510 | 1690 |
| M6ZL-0031-IAA | AFE11C4E-IAA |     |     | 654  | 769  | 899  | 1040 | 1200 | 1360 | 1540 | 1720 |
| M6JL-H030-IAA | AFE11C4E-IAA |     | 579 | 672  | 781  | 905  | 1040 | 1190 | 1340 | 1500 | 1670 |
| M6JL-H038-IAA | AFE13C4E-IAA |     |     | 851  | 989  | 1140 | 1310 | 1490 | 1690 | 1880 | 2090 |
| M6ZL-0040-IAA | AFE13C4E-IAA |     |     | 843  | 990  | 1160 | 1340 | 1540 | 1740 | 1960 | 2190 |
| M6ZL-0042-IAA | AFE14C5E-IAA |     |     | 941  | 1100 | 1270 | 1450 | 1640 | 1840 | 2050 | 2270 |
| M6ZL-0042-IAV | AFE14C5E-IAV |     |     | 941  | 1100 | 1270 | 1450 | 1640 | 1840 | 2050 | 2270 |
| M6JL-H041-IAA | AFE14C5E-IAA |     |     | 968  | 1120 | 1290 | 1470 | 1660 | 1860 | 2080 | 2290 |
| M6JL-H041-IAV | AFE14C5E-IAV |     |     | 968  | 1120 | 1290 | 1470 | 1660 | 1860 | 2080 | 2290 |
| M6JL-H048-IAA | AFE17C4E-IAA |     |     |      | 1230 | 1400 | 1590 | 1790 | 2010 | 2230 |      |
| M6JL-H048-IAV | AFE17C4E-IAV |     |     |      | 1230 | 1400 | 1590 | 1790 | 2010 | 2230 |      |
| M6JL-H052-IAA | AFE20C5E-IAA |     |     |      | 1470 | 1680 | 1900 | 2120 | 2360 | 2600 |      |
| M6JL-H052-IAV | AFE20C5E-IAV |     |     |      | 1470 | 1680 | 1900 | 2120 | 2360 | 2600 |      |
| M6ZL-0055-IAA | AFE20C5E-IAA |     |     |      | 1510 | 1730 | 1970 | 2230 | 2490 | 2760 | 3030 |
| M6ZL-0055-IAV | AFE20C5E-IAV |     |     |      | 1510 | 1730 | 1970 | 2230 | 2490 | 2760 | 3030 |
| M6ZL-0063-IAA | RFT22C1E-IAA |     |     |      | 1490 | 1740 | 2010 | 2310 | 2620 | 2950 |      |
| M6ZL-0063-IAV | RFT22C1E-IAV |     |     |      | 1490 | 1740 | 2010 | 2310 | 2620 | 2950 |      |
| M6ZL-H064-CAA | RFT22C1E-CAA |     |     |      | 1480 | 1740 | 2010 | 2320 | 2640 | 2970 |      |
| M6ZL-H064-CAV | RFT22C1E-CAV |     |     |      | 1480 | 1740 | 2010 | 2320 | 2640 | 2970 |      |
| M6ZL-H064-IAA | RFT22C1E-IAA |     |     |      | 1480 | 1740 | 2010 | 2320 | 2640 | 2970 |      |
| M6ZL-H064-IAV | RFT22C1E-IAV |     |     |      | 1480 | 1740 | 2010 | 2320 | 2640 | 2970 |      |
| M6GL-H070-CAA | RFT22C1E-CAA |     |     | 1360 | 1600 | 1880 | 2190 | 2530 | 2890 | 3280 |      |
| M6GL-H070-CAV | RFT22C1E-CAV |     |     | 1360 | 1600 | 1880 | 2190 | 2530 | 2890 | 3280 |      |
| M6ZL-0078-IAA | RFT26C1E-IAA |     |     |      | 1760 | 2040 | 2360 | 2690 | 3040 | 3400 |      |
| M6ZL-0078-IAV | RFT26C1E-IAV |     |     |      | 1760 | 2040 | 2360 | 2690 | 3040 | 3400 |      |
| M6ZL-H066-CAV | AFE23C5E-CAV |     |     |      | 1790 | 2050 | 2340 | 2640 | 2960 | 3300 | 3640 |
| M6ZL-H078-CAA | RFT26C1E-CAA |     |     |      | 1880 | 2190 | 2530 | 2890 | 3270 | 3670 |      |
| M6ZL-H078-CAV | RFT26C1E-CAV |     |     |      | 1880 | 2190 | 2530 | 2890 | 3270 | 3670 |      |
| M6ZL-H078-IAA | RFT26C1E-IAA |     |     |      | 1880 | 2190 | 2530 | 2890 | 3270 | 3670 |      |
| M6ZL-H078-IAV | RFT26C1E-IAV |     |     |      | 1880 | 2190 | 2530 | 2890 | 3270 | 3670 |      |
| M6ZL-H076-CAV | AFE26C5E-CAV |     |     |      | 1990 | 2280 | 2600 | 2930 | 3280 | 3640 | 4000 |
| M6GL-H079-CAA | RFT26C1E-CAA |     |     |      | 1960 | 2300 | 2670 | 3070 | 3500 | 3960 |      |
| M6GL-H079-CAV | RFT26C1E-CAV |     |     |      | 1960 | 2300 | 2670 | 3070 | 3500 | 3960 |      |
| M6KL-0123-CFA | RFT42C1E-PFA |     |     |      | 3390 | 3710 | 4100 | 4570 | 5070 | 5610 |      |
| M6KL-0123-CFV | RFT42C1E-PFV |     |     |      | 3390 | 3710 | 4100 | 4570 | 5070 | 5610 |      |

Capacities rated at 40°F return gas, 5°F subcooling

# R-448A Medium Temp/EMT

# Copeland air-cooled condensing units

| Model         | Compressor   | -10  | -5   | 0    | 5    | 10   | 15   | 20    | 25    | 30    |
|---------------|--------------|------|------|------|------|------|------|-------|-------|-------|
| 90° Ambient   |              |      |      |      |      |      |      |       |       |       |
| M6ZM-0048-IAA | ASE39C5E-IAA |      | 2520 | 2630 | 2890 | 3240 | 3670 | 4120  | 4580  | 5000  |
| M6ZP-0053-IAA | RST45C1E-IAA | 1970 | 2280 | 2610 | 2960 | 3320 | 3720 | 4140  | 4590  | 5070  |
| M6ZP-0053-IAV | RST45C1E-IAV | 1970 | 2280 | 2610 | 2960 | 3320 | 3720 | 4140  | 4590  | 5070  |
| M6ZM-H054-CAV | ASE39C5E-CAV | 2090 | 2450 | 2830 | 3220 | 3610 | 3990 | 4370  | 4730  | 5070  |
| M6ZP-H059-CAA | RST45C1E-CAA | 2050 | 2370 | 2720 | 3090 | 3510 | 3950 | 4420  | 4930  | 5460  |
| M6ZP-H059-CAV | RST45C1E-CAV | 2050 | 2370 | 2720 | 3090 | 3510 | 3950 | 4420  | 4930  | 5460  |
| M6GP-H064-CAA | RST45C1E-CAA | 2120 | 2460 | 2830 | 3240 | 3690 | 4180 | 4710  | 5290  | 5900  |
| M6GP-H064-CAV | RST45C1E-CAV | 2120 | 2460 | 2830 | 3240 | 3690 | 4180 | 4710  | 5290  | 5900  |
| M6KP-0064-CAA | RST45C1E-CAA | 2120 | 2460 | 2840 | 3260 | 3710 | 4210 | 4750  | 5340  | 5970  |
| M6KP-0064-CAV | RST45C1E-CAV | 2120 | 2460 | 2840 | 3260 | 3710 | 4210 | 4750  | 5340  | 5970  |
| M6GP-H074-CAA | RST55C1E-CAA | 2680 | 3020 | 3440 | 3910 | 4440 | 5030 | 5660  | 6340  | 7060  |
| M6GP-H074-CAV | RST55C1E-CAV | 2680 | 3020 | 3440 | 3910 | 4440 | 5030 | 5660  | 6340  | 7060  |
| M6KP-0075-CAA | RST55C1E-CAA | 2690 | 3040 | 3460 | 3940 | 4490 | 5090 | 5740  | 6430  | 7170  |
| M6KP-0075-CAV | RST55C1E-CAV | 2690 | 3040 | 3460 | 3940 | 4490 | 5090 | 5740  | 6430  | 7170  |
| M6ZP-H090-CFA | RST80C1E-PFA |      |      | 4750 | 5310 | 5880 | 6470 | 7070  | 7680  |       |
| M6ZP-H090-CFV | RST80C1E-PFV |      |      | 4750 | 5310 | 5880 | 6470 | 7070  | 7680  |       |
| M6GP-H090-CAV | RST64C1E-CAV |      | 4020 | 4530 | 5090 | 5680 | 6310 | 6990  | 7720  | 8500  |
| M6GP-H090-CFA | RST64C1E-CFA |      | 4020 | 4530 | 5090 | 5680 | 6310 | 6990  | 7720  | 8500  |
| M6KP-0095-CFV | RST70C1E-PFV | 3440 | 3990 | 4580 | 5180 | 5810 | 6460 | 7140  | 7830  | 8530  |
| M6KP-0092-CAV | RST64C1E-CAV | 3550 | 4040 | 4570 | 5140 | 5740 | 6400 | 7100  | 7860  | 8670  |
| M6KP-0092-CFA | RST64C1E-CFA | 3550 | 4040 | 4570 | 5140 | 5740 | 6400 | 7100  | 7860  | 8670  |
| M6KP-0102-CAV | RST64C1E-CAV | 3790 | 4340 | 4950 | 5600 | 6330 | 7120 | 8000  | 8960  | 10000 |
| M6KP-0102-CFA | RST64C1E-CFA | 3790 | 4340 | 4950 | 5600 | 6330 | 7120 | 8000  | 8960  | 10000 |
| M6KP-0106-CFV | RST80C1E-PFV |      | 4660 | 5310 | 6000 | 6710 | 7460 | 8230  | 9020  | 9820  |
| M6KP-0112-CFV | RST70C1E-PFV | 3890 | 4500 | 5160 | 5860 | 6610 | 7410 | 8250  | 9140  | 10100 |
| M6KP-0116-CFV | RST97C1E-PFV |      | 5200 | 5890 | 6610 | 7350 | 8110 | 8870  | 9640  | 10400 |
| M6KP-0127-CFV | RST80C1E-PFV | 4470 | 5180 | 5940 | 6760 | 7620 | 8540 | 9490  | 10500 | 11500 |
| M6KP-0142-CFV | RST97C1E-PFV | 5040 | 5810 | 6620 | 7490 | 8410 | 9360 | 10300 | 11400 | 12400 |
| M6KP-0064-CAV | RST45C1E-CAV | 2120 | 2460 | 2840 | 3260 | 3710 | 4210 | 4750  | 5340  | 5970  |
| M6GP-H074-CAA | RST55C1E-CAA | 2680 | 3020 | 3440 | 3910 | 4440 | 5030 | 5660  | 6340  | 7060  |
| M6GP-H074-CAV | RST55C1E-CAV | 2680 | 3020 | 3440 | 3910 | 4440 | 5030 | 5660  | 6340  | 7060  |
| M6KP-0075-CAA | RST55C1E-CAA | 2690 | 3040 | 3460 | 3940 | 4490 | 5090 | 5740  | 6430  | 7170  |
| M6KP-0075-CAV | RST55C1E-CAV | 2690 | 3040 | 3460 | 3940 | 4490 | 5090 | 5740  | 6430  | 7170  |
| M6ZP-H090-CFA | RST80C1E-PFA |      |      | 4750 | 5310 | 5880 | 6470 | 7070  | 7680  |       |
| M6ZP-H090-CFV | RST80C1E-PFV |      |      | 4750 | 5310 | 5880 | 6470 | 7070  | 7680  |       |
| M6GP-H090-CAV | RST64C1E-CAV |      | 4020 | 4530 | 5090 | 5680 | 6310 | 6990  | 7720  | 8500  |
| M6GP-H090-CFA | RST64C1E-CFA |      | 4020 | 4530 | 5090 | 5680 | 6310 | 6990  | 7720  | 8500  |
| M6KP-0095-CFV | RST70C1E-PFV | 3440 | 3990 | 4580 | 5180 | 5810 | 6460 | 7140  | 7830  | 8530  |
| M6KP-0092-CAV | RST64C1E-CAV | 3550 | 4040 | 4570 | 5140 | 5740 | 6400 | 7100  | 7860  | 8670  |
| M6KP-0092-CFA | RST64C1E-CFA | 3550 | 4040 | 4570 | 5140 | 5740 | 6400 | 7100  | 7860  | 8670  |
| M6KP-0102-CAV | RST64C1E-CAV | 3790 | 4340 | 4950 | 5600 | 6330 | 7120 | 8000  | 8960  | 10000 |
| M6KP-0102-CFA | RST64C1E-CFA | 3790 | 4340 | 4950 | 5600 | 6330 | 7120 | 8000  | 8960  | 10000 |
| M6KP-0106-CFV | RST80C1E-PFV |      | 4660 | 5310 | 6000 | 6710 | 7460 | 8230  | 9020  | 9820  |
| M6KP-0112-CFV | RST70C1E-PFV | 3890 | 4500 | 5160 | 5860 | 6610 | 7410 | 8250  | 9140  | 10100 |
| M6KP-0116-CFV | RST97C1E-PFV |      | 5200 | 5890 | 6610 | 7350 | 8110 | 8870  | 9640  | 10400 |
| M6KP-0127-CFV | RST80C1E-PFV | 4470 | 5180 | 5940 | 6760 | 7620 | 8540 | 9490  | 10500 | 11500 |
| M6KP-0142-CFV | RST97C1E-PFV | 5040 | 5810 | 6620 | 7490 | 8410 | 9360 | 10300 | 11400 | 12400 |

Capacities rated at 40°F return gas, 5°F subcooling

# R-448A Medium Temp/EMT

# Copeland air-cooled condensing units

| Model         | Compressor   | -10 | -5   | 0    | 5    | 10   | 15   | 20   | 25    | 30    |
|---------------|--------------|-----|------|------|------|------|------|------|-------|-------|
| 100° Ambient  |              |     |      |      |      |      |      |      |       |       |
| M6JM-0017-IAA | ASE12C4E-IAA |     | 715  | 819  | 929  | 1050 | 1170 | 1300 | 1440  | 1580  |
| M6JM-H020-IAA | ASE12C4E-IAA |     | 730  | 856  | 990  | 1130 | 1280 | 1440 | 1610  | 1800  |
| M6ZM-0021-IAA | ASE12C4E-IAA |     | 731  | 861  | 999  | 1150 | 1300 | 1470 | 1650  | 1850  |
| M6JM-H023-IAA | ASE14C4E-IAA |     | 915  | 1060 | 1210 | 1360 | 1530 | 1700 | 1900  | 2100  |
| M6QM-H025-IAA | ASE14C4E-IAA |     | 918  | 1060 | 1210 | 1370 | 1540 | 1720 | 1910  | 2120  |
| M6JM-H028-IAA | ASE20C4E-IAA |     |      | 1430 | 1610 | 1780 | 1960 | 2150 | 2350  | 2570  |
| M6JM-H028-IAV | ASE20C4E-IAV |     |      | 1430 | 1610 | 1780 | 1960 | 2150 | 2350  | 2570  |
| M6ZM-0031-IAA | ASE20C4E-IAA |     | 1200 | 1400 | 1580 | 1770 | 1960 | 2160 | 2390  | 2630  |
| M6ZM-0025-IAA | ASE14C4E-IAA |     |      | 1440 | 1640 | 1830 | 2030 | 2240 | 2460  | 2710  |
| M6ZM-0025-IAV | ASE20C4E-IAV |     |      | 1440 | 1640 | 1830 | 2030 | 2240 | 2460  | 2710  |
| M6ZM-H026-CAA | ASE20C4E-CAA |     | 1210 | 1380 | 1570 | 1790 | 2030 | 2290 | 2560  | 2850  |
| M6JM-H030-IAA | ASE24C5E-IAA |     | 1300 | 1480 | 1670 | 1880 | 2100 | 2340 | 2600  | 2880  |
| M6ZM-0032-IAA | ASE24C5E-IAA |     | 1330 | 1510 | 1720 | 1940 | 2180 | 2450 | 2730  | 3030  |
| M6ZM-H035-IAA | ASE24C5E-IAA |     | 1350 | 1540 | 1750 | 1980 | 2230 | 2500 | 2790  | 3100  |
| M6JM-H035-IAA | ASE28C5E-IAA |     |      | 1780 | 1950 | 2170 | 2430 | 2730 | 3070  | 3450  |
| M6JM-H035-IAV | ASE28C5E-IAV |     |      | 1780 | 1950 | 2170 | 2430 | 2730 | 3070  | 3450  |
| M6ZM-0038-IAA | ASE28C5E-IAA |     |      | 1830 | 2020 | 2250 | 2530 | 2860 | 3240  | 3670  |
| M6ZM-0038-IAV | ASE28C5E-IAV |     |      | 1830 | 2020 | 2250 | 2530 | 2860 | 3240  | 3670  |
| M6JM-H043-IAA | ASE39C5E-IAA |     |      |      | 2510 | 2780 | 3120 | 3480 | 3840  |       |
| M6ZP-0053-IAA | RST45C1E-IAA |     |      | 2370 | 2680 | 3010 | 3360 | 3730 | 4130  | 4560  |
| M6ZP-0053-IAV | RST45C1E-IAV |     |      | 2370 | 2680 | 3010 | 3360 | 3730 | 4130  | 4560  |
| M6ZM-0048-IAA | ASE39C5E-IAA |     |      | 2430 | 2640 | 2950 | 3340 | 3750 | 4170  | 4560  |
| M6ZM-H054-CAV | ASE39C5E-CAV |     |      | 2580 | 2940 | 3300 | 3660 | 4020 | 4360  | 4690  |
| M6ZP-H059-CAA | RST45C1E-CAA |     |      | 2440 | 2790 | 3160 | 3560 | 3990 | 4450  | 4940  |
| M6ZP-H059-CAV | RST45C1E-CAV |     |      | 2440 | 2790 | 3160 | 3560 | 3990 | 4450  | 4940  |
| M6GP-H064-CAA | RST45C1E-CAA |     | 2200 | 2550 | 2920 | 3330 | 3780 | 4270 | 4790  | 5360  |
| M6GP-H064-CAV | RST45C1E-CAV |     | 2200 | 2550 | 2920 | 3330 | 3780 | 4270 | 4790  | 5360  |
| M6KP-0064-CAA | RST45C1E-CAA |     | 2210 | 2550 | 2930 | 3350 | 3810 | 4310 | 4840  | 5420  |
| M6KP-0064-CAV | RST45C1E-CAV |     | 2210 | 2550 | 2930 | 3350 | 3810 | 4310 | 4840  | 5420  |
| M6GP-H074-CAA | RST55C1E-CAA |     |      | 3040 | 3480 | 3970 | 4510 | 5110 | 5740  | 6420  |
| M6GP-H074-CAV | RST55C1E-CAV |     |      | 3040 | 3480 | 3970 | 4510 | 5110 | 5740  | 6420  |
| M6KP-0075-CAA | RST55C1E-CAA |     | 2680 | 3060 | 3500 | 4010 | 4560 | 5170 | 5830  | 6520  |
| M6KP-0075-CAV | RST55C1E-CAV |     | 2680 | 3060 | 3500 | 4010 | 4560 | 5170 | 5830  | 6520  |
| M6GP-H090-CAV | RST64C1E-CAV |     |      | 4150 | 4650 | 5190 | 5770 | 6400 | 7070  | 7780  |
| M6GP-H090-CFA | RST64C1E-CFA |     |      | 4150 | 4650 | 5190 | 5770 | 6400 | 7070  | 7780  |
| M6KP-0092-CAV | RST64C1E-CAV |     |      | 4180 | 4700 | 5260 | 5860 | 6500 | 7200  | 7950  |
| M6KP-0092-CFA | RST64C1E-CFA |     |      | 4180 | 4700 | 5260 | 5860 | 6500 | 7200  | 7950  |
| M6ZP-H090-CFA | RST80C1E-PFA |     |      |      |      | 5350 | 5900 |      |       |       |
| M6ZP-H090-CFV | RST80C1E-PFV |     |      |      |      | 5350 | 5900 |      |       |       |
| M6KP-0095-CFV | RST70C1E-PFV |     |      | 4140 | 4720 | 5320 | 5930 | 6560 | 7200  | 7860  |
| M6KP-0106-CFV | RST80C1E-PFV |     |      | 4760 | 5400 | 6070 | 6760 | 7480 | 8230  | 8980  |
| M6KP-0102-CAV | RST64C1E-CAV |     | 3980 | 4540 | 5150 | 5810 | 6540 | 7350 | 8240  | 9210  |
| M6KP-0102-CFA | RST64C1E-CFA |     | 3980 | 4540 | 5150 | 5810 | 6540 | 7350 | 8240  | 9210  |
| M6KP-0112-CFV | RST70C1E-PFV |     | 4040 | 4670 | 5330 | 6030 | 6780 | 7560 | 8390  | 9260  |
| M6KP-0116-CFV | RST97C1E-PFV |     |      |      | 5990 | 6690 | 7400 | 8110 | 8820  |       |
| M6KP-0127-CFV | RST80C1E-PFV |     | 4630 | 5340 | 6110 | 6920 | 7790 | 8690 | 9640  | 10600 |
| M6KP-0142-CFV | RST97C1E-PFV |     | 5230 | 6000 | 6820 | 7670 | 8560 | 9480 | 10400 | 11400 |

Capacities rated at 40°F return gas, 5°F subcooling



# R-448A Medium Temp/EMT

# Copeland air-cooled condensing units

| Model         | Compressor   | -10 | -5   | 0    | 5    | 10   | 15   | 20   | 25   | 30    |
|---------------|--------------|-----|------|------|------|------|------|------|------|-------|
| 110° Ambient  |              |     |      |      |      |      |      |      |      |       |
| M6JM-0017-IAA | ASE12C4E-IAA |     |      |      | 818  | 931  | 1050 | 1170 | 1300 | 1440  |
| M6JM-H020-IAA | ASE12C4E-IAA |     |      | 779  | 900  | 1030 | 1160 | 1310 | 1460 | 1620  |
| M6ZM-0021-IAA | ASE12C4E-IAA |     |      | 767  | 893  | 1030 | 1170 | 1330 | 1490 | 1670  |
| M6JM-H023-IAA | ASE14C4E-IAA |     |      | 962  | 1100 | 1240 | 1390 | 1550 | 1730 | 1920  |
| M6QM-H025-IAA | ASE14C4E-IAA |     |      | 954  | 1090 | 1240 | 1390 | 1560 | 1740 | 1940  |
| M6JM-H028-IAA | ASE20C4E-IAA |     |      |      |      |      | 1770 | 1920 | 2080 | 2270  |
| M6JM-H028-IAV | ASE20C4E-IAV |     |      |      |      |      | 1770 | 1920 | 2080 | 2270  |
| M6ZM-H026-CAA | ASE20C4E-CAA |     | 1240 | 1410 | 1610 | 1830 | 2070 | 2320 | 2580 |       |
| M6ZM-0031-IAA | ASE20C4E-IAA |     |      |      | 1470 | 1620 | 1780 | 1940 | 2130 | 2340  |
| M6ZM-0025-IAA | ASE14C4E-IAA |     |      |      |      | 1680 | 1840 | 2010 | 2200 | 2420  |
| M6ZM-0025-IAV | ASE20C4E-IAV |     |      |      |      | 1680 | 1840 | 2010 | 2200 | 2420  |
| M6JM-H030-IAA | ASE24C5E-IAA |     |      |      | 1500 | 1690 | 1890 | 2110 | 2340 | 2590  |
| M6ZM-0032-IAA | ASE24C5E-IAA |     |      |      |      | 1540 | 1740 | 1970 | 2210 | 2470  |
| M6ZM-H035-IAA | ASE24C5E-IAA |     | 1380 | 1570 | 1780 | 2000 | 2250 | 2520 | 2810 |       |
| M6JM-H035-IAA | ASE28C5E-IAA |     |      |      | 1780 | 1980 | 2210 | 2480 |      |       |
| M6JM-H035-IAV | ASE28C5E-IAV |     |      |      | 1780 | 1980 | 2210 | 2480 |      |       |
| M6ZM-0038-IAA | ASE28C5E-IAA |     |      |      | 1840 | 2060 | 2320 | 2620 | 2960 | 3350  |
| M6ZM-0038-IAV | ASE28C5E-IAV |     |      |      | 1840 | 2060 | 2320 | 2620 | 2960 | 3350  |
| M6JM-H043-IAA | ASE39C5E-IAA |     |      |      |      | 2470 |      |      |      |       |
| M6ZP-0053-IAA | RST45C1E-IAA |     |      |      |      | 2660 | 2970 | 3290 |      |       |
| M6ZP-0053-IAV | RST45C1E-IAV |     |      |      |      | 2660 | 2970 | 3290 |      |       |
| M6ZM-0048-IAA | ASE39C5E-IAA |     |      |      | 2390 | 2660 | 2990 | 3370 |      |       |
| M6ZP-H059-CAA | RST45C1E-CAA |     |      |      | 2480 | 2810 | 3180 | 3570 | 3990 |       |
| M6ZP-H059-CAV | RST45C1E-CAV |     |      |      | 2480 | 2810 | 3180 | 3570 | 3990 |       |
| M6GP-H064-CAA | RST45C1E-CAA |     |      |      | 2610 | 2980 | 3390 | 3830 | 4310 | 4820  |
| M6GP-H064-CAV | RST45C1E-CAV |     |      |      | 2610 | 2980 | 3390 | 3830 | 4310 | 4820  |
| M6KP-0064-CAA | RST45C1E-CAA |     |      |      | 2620 | 3000 | 3420 | 3870 | 4360 | 4890  |
| M6KP-0064-CAV | RST45C1E-CAV |     |      |      | 2620 | 3000 | 3420 | 3870 | 4360 | 4890  |
| M6ZM-H054-CAV | ASE39C5E-CAV |     |      |      | 2690 | 3020 | 3370 | 3710 | 4040 |       |
| M6GP-H074-CAA | RST55C1E-CAA |     |      |      | 3090 | 3540 | 4050 | 4600 | 5200 | 5850  |
| M6GP-H074-CAV | RST55C1E-CAV |     |      |      | 3090 | 3540 | 4050 | 4600 | 5200 | 5850  |
| M6KP-0075-CAA | RST55C1E-CAA |     |      |      | 3110 | 3570 | 4090 | 4660 | 5280 | 5940  |
| M6KP-0075-CAV | RST55C1E-CAV |     |      |      | 3110 | 3570 | 4090 | 4660 | 5280 | 5940  |
| M6GP-H090-CAV | RST64C1E-CAV |     |      |      |      | 4720 | 5250 | 5810 |      |       |
| M6GP-H090-CFA | RST64C1E-CFA |     |      |      |      | 4720 | 5250 | 5810 |      |       |
| M6KP-0092-CAV | RST64C1E-CAV |     |      |      | 4280 | 4780 | 5330 | 5920 |      |       |
| M6KP-0092-CFA | RST64C1E-CFA |     |      |      | 4280 | 4780 | 5330 | 5920 |      |       |
| M6KP-0095-CFV | RST70C1E-PFV |     |      |      | 4250 | 4820 | 5390 | 5980 | 6580 |       |
| M6KP-0102-CAV | RST64C1E-CAV |     |      | 4060 | 4620 | 5220 | 5890 | 6640 | 7460 | 8360  |
| M6KP-0102-CFA | RST64C1E-CFA |     |      | 4060 | 4620 | 5220 | 5890 | 6640 | 7460 | 8360  |
| M6KP-0112-CFV | RST70C1E-PFV |     |      | 4060 | 4690 | 5350 | 6050 | 6790 | 7580 | 8390  |
| M6KP-0106-CFV | RST80C1E-PFV |     |      |      |      | 5440 | 6080 |      |      |       |
| M6KP-0116-CFV | RST97C1E-PFV |     |      |      |      | 6040 |      |      |      |       |
| M6KP-0127-CFV | RST80C1E-PFV |     |      |      | 5370 | 6130 | 6950 | 7810 | 8710 | 9650  |
| M6KP-0142-CFV | RST97C1E-PFV |     |      |      | 6060 | 6870 | 7720 | 8590 | 9480 | 10400 |

Capacities rated at 40°F return gas, 5°F subcooling

# R-449A Low Temp

# Copeland air-cooled condensing units

| Model         | Compressor   | -30  | -25  | -20  | -15  | -10  | -5   | 0    | 5    | 10   | 15   |
|---------------|--------------|------|------|------|------|------|------|------|------|------|------|
| 90° Ambient   |              |      |      |      |      |      |      |      |      |      |      |
| M6JL-0021-IAA | AFE08C4E-IAA |      | 610  | 689  | 784  | 891  | 1010 | 1140 | 1280 | 1420 | 1570 |
| M6JL-H023-IAA | AFE08C4E-IAA |      | 611  | 700  | 806  | 928  | 1070 | 1220 | 1380 | 1550 | 1730 |
| M6JL-0026-IAA | AFE11C4E-IAA |      | 698  | 789  | 897  | 1020 | 1150 | 1300 | 1450 | 1610 | 1780 |
| M6JL-H030-IAA | AFE11C4E-IAA |      | 711  | 814  | 937  | 1080 | 1240 | 1410 | 1590 | 1790 | 1990 |
| M6QL-H032-IAA | AFE11C4E-IAA |      | 711  | 814  | 938  | 1080 | 1240 | 1420 | 1600 | 1800 | 2010 |
| M6ZL-0031-IAA | AFE11C4E-IAA |      | 712  | 816  | 942  | 1090 | 1250 | 1430 | 1620 | 1830 | 2050 |
| M6JL-H038-IAA | AFE13C4E-IAA |      | 917  | 1050 | 1200 | 1380 | 1580 | 1800 | 2020 | 2260 | 2510 |
| M6ZL-0040-IAA | AFE13C4E-IAA |      | 923  | 1060 | 1220 | 1400 | 1610 | 1840 | 2080 | 2340 | 2610 |
| M6JL-0039-IAA | AFE17C4E-IAA |      | 1060 | 1190 | 1330 | 1500 | 1680 | 1880 | 2080 | 2290 | 2500 |
| M6JL-0039-IAV | AFE17C4E-IAV |      | 1060 | 1190 | 1330 | 1500 | 1680 | 1880 | 2080 | 2290 | 2500 |
| M6ZL-0042-IAA | AFE14C5E-IAA |      | 1040 | 1180 | 1350 | 1530 | 1730 | 1950 | 2190 | 2440 | 2700 |
| M6ZL-0042-IAV | AFE14C5E-IAV |      | 1040 | 1180 | 1350 | 1530 | 1730 | 1950 | 2190 | 2440 | 2700 |
| M6JL-H041-IAA | AFE14C5E-IAA |      | 1030 | 1190 | 1370 | 1570 | 1790 | 2020 | 2260 | 2510 | 2770 |
| M6JL-H041-IAV | AFE14C5E-IAV |      | 1030 | 1190 | 1370 | 1570 | 1790 | 2020 | 2260 | 2510 | 2770 |
| M6JL-H048-IAA | AFE17C4E-IAA |      | 1140 | 1300 | 1490 | 1710 | 1940 | 2180 | 2440 | 2700 | 2960 |
| M6JL-H048-IAV | AFE17C4E-IAV |      | 1140 | 1300 | 1490 | 1710 | 1940 | 2180 | 2440 | 2700 | 2960 |
| M6JL-H052-IAA | AFE20C5E-IAA |      | 1350 | 1560 | 1790 | 2040 | 2310 | 2590 | 2880 | 3170 | 3470 |
| M6JL-H052-IAV | AFE20C5E-IAV |      | 1350 | 1560 | 1790 | 2040 | 2310 | 2590 | 2880 | 3170 | 3470 |
| M6ZL-0055-IAA | AFE20C5E-IAA |      | 1380 | 1600 | 1840 | 2110 | 2400 | 2710 | 3040 | 3370 | 3710 |
| M6ZL-0055-IAV | AFE20C5E-IAV |      | 1380 | 1600 | 1840 | 2110 | 2400 | 2710 | 3040 | 3370 | 3710 |
| M6ZL-H064-CAA | RFT22C1E-CAA | 1160 | 1350 | 1570 | 1840 | 2140 | 2470 | 2830 | 3220 | 3630 |      |
| M6ZL-H064-CAV | RFT22C1E-CAV | 1160 | 1350 | 1570 | 1840 | 2140 | 2470 | 2830 | 3220 | 3630 |      |
| M6ZL-H064-IAA | RFT22C1E-IAA | 1160 | 1350 | 1570 | 1840 | 2140 | 2470 | 2830 | 3220 | 3630 |      |
| M6ZL-H064-IAV | RFT22C1E-IAV | 1160 | 1350 | 1570 | 1840 | 2140 | 2470 | 2830 | 3220 | 3630 |      |
| M6ZL-0063-IAA | RFT22C1E-IAA | 1170 | 1360 | 1590 | 1850 | 2150 | 2480 | 2840 | 3220 | 3620 |      |
| M6ZL-0063-IAV | RFT22C1E-IAV | 1170 | 1360 | 1590 | 1850 | 2150 | 2480 | 2840 | 3220 | 3620 |      |
| M6GL-H070-CAA | RFT22C1E-CAA | 1240 | 1440 | 1680 | 1970 | 2300 | 2670 | 3070 | 3500 | 3960 |      |
| M6GL-H070-CAV | RFT22C1E-CAV | 1240 | 1440 | 1680 | 1970 | 2300 | 2670 | 3070 | 3500 | 3960 |      |
| M6ZL-H066-CAV | AFE23C5E-CAV |      | 1630 | 1880 | 2160 | 2480 | 2810 | 3170 | 3550 | 3950 | 4360 |
| M6ZL-0078-IAA | RFT26C1E-IAA | 1400 | 1620 | 1890 | 2200 | 2550 | 2930 | 3340 | 3770 | 4210 |      |
| M6ZL-0078-IAV | RFT26C1E-IAV | 1400 | 1620 | 1890 | 2200 | 2550 | 2930 | 3340 | 3770 | 4210 |      |
| M6ZL-H078-CAA | RFT26C1E-CAA | 1490 | 1730 | 2020 | 2350 | 2720 | 3130 | 3570 | 4030 | 4520 |      |
| M6ZL-H078-CAV | RFT26C1E-CAV | 1490 | 1730 | 2020 | 2350 | 2720 | 3130 | 3570 | 4030 | 4520 |      |
| M6ZL-H078-IAA | RFT26C1E-IAA | 1490 | 1730 | 2020 | 2350 | 2720 | 3130 | 3570 | 4030 | 4520 |      |
| M6ZL-H078-IAV | RFT26C1E-IAV | 1490 | 1730 | 2020 | 2350 | 2720 | 3130 | 3570 | 4030 | 4520 |      |
| M6ZL-H076-CAV | AFE26C5E-CAV |      | 1810 | 2090 | 2410 | 2750 | 3130 | 3520 | 3940 | 4370 | 4810 |
| M6GL-H079-CAA | RFT26C1E-CAA | 1530 | 1770 | 2070 | 2420 | 2820 | 3260 | 3740 | 4260 | 4800 |      |
| M6GL-H079-CAV | RFT26C1E-CAV | 1530 | 1770 | 2070 | 2420 | 2820 | 3260 | 3740 | 4260 | 4800 |      |
| M6ZL-0098-CFV | RST80C1E-PFV |      |      |      |      |      |      |      | 5140 | 5700 | 6260 |
| M6KL-0123-CFA | RFT42C1E-PFA | 2660 | 2910 | 3270 | 3730 | 4250 | 4840 | 5460 | 6110 | 6780 |      |
| M6KL-0123-CFV | RFT42C1E-PFV | 2660 | 2910 | 3270 | 3730 | 4250 | 4840 | 5460 | 6110 | 6780 |      |

Capacities rated at 40°F return gas, 5°F subcooling

# R-449A Low Temp

# Copeland air-cooled condensing units

| Model         | Compressor   | -30 | -25  | -20  | -15  | -10  | -5   | 0    | 5    | 10   | 15   |
|---------------|--------------|-----|------|------|------|------|------|------|------|------|------|
| 100° Ambient  |              |     |      |      |      |      |      |      |      |      |      |
| M6JL-0021-IAA | AFE08C4E-IAA |     | 559  | 633  | 720  | 819  | 928  | 1050 | 1170 | 1300 | 1430 |
| M6JL-H023-IAA | AFE08C4E-IAA |     | 554  | 638  | 738  | 853  | 980  | 1120 | 1270 | 1430 | 1590 |
| M6JL-0026-IAA | AFE11C4E-IAA |     | 636  | 720  | 820  | 933  | 1060 | 1190 | 1330 | 1470 | 1620 |
| M6JL-H030-IAA | AFE11C4E-IAA |     | 644  | 742  | 858  | 990  | 1140 | 1300 | 1470 | 1650 | 1830 |
| M6QL-H032-IAA | AFE11C4E-IAA |     | 644  | 743  | 859  | 993  | 1140 | 1300 | 1480 | 1660 | 1850 |
| M6ZL-0031-IAA | AFE11C4E-IAA |     | 643  | 743  | 862  | 998  | 1150 | 1320 | 1490 | 1680 | 1880 |
| M6JL-H038-IAA | AFE13C4E-IAA |     | 827  | 952  | 1100 | 1270 | 1450 | 1650 | 1860 | 2080 | 2310 |
| M6ZL-0040-IAA | AFE13C4E-IAA |     | 832  | 961  | 1110 | 1290 | 1480 | 1690 | 1920 | 2150 | 2400 |
| M6JL-0039-IAA | AFE17C4E-IAA |     |      |      | 1210 | 1360 | 1520 | 1690 |      |      |      |
| M6JL-0039-IAV | AFE17C4E-IAV |     |      |      | 1210 | 1360 | 1520 | 1690 |      |      |      |
| M6ZL-0042-IAA | AFE14C5E-IAA |     | 931  | 1070 | 1230 | 1410 | 1600 | 1800 | 2020 | 2250 | 2490 |
| M6ZL-0042-IAV | AFE14C5E-IAV |     | 931  | 1070 | 1230 | 1410 | 1600 | 1800 | 2020 | 2250 | 2490 |
| M6JL-H041-IAA | AFE14C5E-IAA |     | 923  | 1070 | 1240 | 1420 | 1620 | 1830 | 2060 | 2290 | 2530 |
| M6JL-H041-IAV | AFE14C5E-IAV |     | 923  | 1070 | 1240 | 1420 | 1620 | 1830 | 2060 | 2290 | 2530 |
| M6JL-H048-IAA | AFE17C4E-IAA |     | 1050 | 1190 | 1360 | 1550 | 1760 | 1990 | 2230 | 2470 | 2720 |
| M6JL-H048-IAV | AFE17C4E-IAV |     | 1050 | 1190 | 1360 | 1550 | 1760 | 1990 | 2230 | 2470 | 2720 |
| M6JL-H052-IAA | AFE20C5E-IAA |     | 1220 | 1410 | 1620 | 1850 | 2100 | 2350 | 2610 | 2880 | 3140 |
| M6JL-H052-IAV | AFE20C5E-IAV |     | 1220 | 1410 | 1620 | 1850 | 2100 | 2350 | 2610 | 2880 | 3140 |
| M6ZL-0055-IAA | AFE20C5E-IAA |     | 1240 | 1440 | 1670 | 1910 | 2180 | 2460 | 2750 | 3050 | 3360 |
| M6ZL-0055-IAV | AFE20C5E-IAV |     | 1240 | 1440 | 1670 | 1910 | 2180 | 2460 | 2750 | 3050 | 3360 |
| M6ZL-0063-IAA | RFT22C1E-IAA |     | 1220 | 1430 | 1680 | 1950 | 2250 | 2580 | 2930 | 3290 |      |
| M6ZL-0063-IAV | RFT22C1E-IAV |     | 1220 | 1430 | 1680 | 1950 | 2250 | 2580 | 2930 | 3290 |      |
| M6ZL-H064-CAA | RFT22C1E-CAA |     | 1210 | 1420 | 1670 | 1950 | 2250 | 2580 | 2940 | 3310 |      |
| M6ZL-H064-CAV | RFT22C1E-CAV |     | 1210 | 1420 | 1670 | 1950 | 2250 | 2580 | 2940 | 3310 |      |
| M6ZL-H064-IAA | RFT22C1E-IAA |     | 1210 | 1420 | 1670 | 1950 | 2250 | 2580 | 2940 | 3310 |      |
| M6ZL-H064-IAV | RFT22C1E-IAV |     | 1210 | 1420 | 1670 | 1950 | 2250 | 2580 | 2940 | 3310 |      |
| M6GL-H070-CAA | RFT22C1E-CAA |     | 1290 | 1520 | 1790 | 2100 | 2430 | 2810 | 3200 | 3630 |      |
| M6GL-H070-CAV | RFT22C1E-CAV |     | 1290 | 1520 | 1790 | 2100 | 2430 | 2810 | 3200 | 3630 |      |
| M6ZL-H066-CAV | AFE23C5E-CAV |     | 1480 | 1710 | 1970 | 2260 | 2570 | 2910 | 3260 | 3620 | 4000 |
| M6ZL-0078-IAA | RFT26C1E-IAA |     |      | 1700 | 1990 | 2300 | 2650 | 3020 | 3410 | 3820 |      |
| M6ZL-0078-IAV | RFT26C1E-IAV |     |      | 1700 | 1990 | 2300 | 2650 | 3020 | 3410 | 3820 |      |
| M6ZL-H078-CAA | RFT26C1E-CAA |     | 1550 | 1820 | 2120 | 2470 | 2840 | 3240 | 3670 | 4100 |      |
| M6ZL-H078-CAV | RFT26C1E-CAV |     | 1550 | 1820 | 2120 | 2470 | 2840 | 3240 | 3670 | 4100 |      |
| M6ZL-H078-IAA | RFT26C1E-IAA |     | 1550 | 1820 | 2120 | 2470 | 2840 | 3240 | 3670 | 4100 |      |
| M6ZL-H078-IAV | RFT26C1E-IAV |     | 1550 | 1820 | 2120 | 2470 | 2840 | 3240 | 3670 | 4100 |      |
| M6ZL-H076-CAV | AFE26C5E-CAV |     | 1640 | 1900 | 2190 | 2510 | 2860 | 3220 | 3600 | 4000 | 4400 |
| M6GL-H079-CAA | RFT26C1E-CAA |     | 1600 | 1870 | 2200 | 2570 | 2970 | 3420 | 3890 | 4390 |      |
| M6GL-H079-CAV | RFT26C1E-CAV |     | 1600 | 1870 | 2200 | 2570 | 2970 | 3420 | 3890 | 4390 |      |
| M6ZL-0098-CFV | RST80C1E-PFV |     |      |      |      |      |      |      |      | 5190 |      |
| M6KL-0123-CFA | RFT42C1E-PFA |     |      | 3150 | 3500 | 3930 | 4430 | 4980 | 5570 | 6170 |      |
| M6KL-0123-CFV | RFT42C1E-PFV |     |      | 3150 | 3500 | 3930 | 4430 | 4980 | 5570 | 6170 |      |

Capacities rated at 40°F return gas, 5°F subcooling

# R-449A Low Temp

# Copeland air-cooled condensing units

| Model         | Compressor   | -30 | -25 | -20  | -15  | -10  | -5   | 0    | 5    | 10   | 15   |
|---------------|--------------|-----|-----|------|------|------|------|------|------|------|------|
| 110° Ambient  |              |     |     |      |      |      |      |      |      |      |      |
| M6JL-0021-IAA | AFE08C4E-IAA |     |     |      | 614  | 713  | 821  | 936  | 1060 | 1180 | 1300 |
| M6JL-H023-IAA | AFE08C4E-IAA |     | 502 | 583  | 678  | 785  | 903  | 1030 | 1170 | 1310 | 1460 |
| M6JL-0026-IAA | AFE11C4E-IAA |     |     |      | 701  | 814  | 936  | 1060 | 1200 | 1330 |      |
| M6QL-H032-IAA | AFE11C4E-IAA |     |     | 657  | 769  | 896  | 1040 | 1190 | 1350 | 1510 | 1690 |
| M6ZL-0031-IAA | AFE11C4E-IAA |     |     | 656  | 771  | 901  | 1040 | 1200 | 1360 | 1540 | 1720 |
| M6JL-H030-IAA | AFE11C4E-IAA |     | 580 | 674  | 783  | 906  | 1040 | 1190 | 1340 | 1510 | 1670 |
| M6JL-H038-IAA | AFE13C4E-IAA |     |     | 853  | 991  | 1150 | 1320 | 1500 | 1690 | 1890 | 2090 |
| M6ZL-0040-IAA | AFE13C4E-IAA |     |     | 845  | 992  | 1160 | 1340 | 1540 | 1750 | 1970 | 2190 |
| M6ZL-0042-IAA | AFE14C5E-IAA |     |     | 943  | 1100 | 1270 | 1450 | 1640 | 1840 | 2050 | 2270 |
| M6ZL-0042-IAV | AFE14C5E-IAV |     |     | 943  | 1100 | 1270 | 1450 | 1640 | 1840 | 2050 | 2270 |
| M6JL-H041-IAA | AFE14C5E-IAA |     |     | 970  | 1120 | 1290 | 1470 | 1660 | 1870 | 2080 | 2300 |
| M6JL-H041-IAV | AFE14C5E-IAV |     |     | 970  | 1120 | 1290 | 1470 | 1660 | 1870 | 2080 | 2300 |
| M6JL-H048-IAA | AFE17C4E-IAA |     |     |      | 1230 | 1400 | 1590 | 1790 | 2010 | 2230 |      |
| M6JL-H048-IAV | AFE17C4E-IAV |     |     |      | 1230 | 1400 | 1590 | 1790 | 2010 | 2230 |      |
| M6JL-H052-IAA | AFE20C5E-IAA |     |     |      | 1470 | 1680 | 1900 | 2130 | 2360 | 2600 |      |
| M6JL-H052-IAV | AFE20C5E-IAV |     |     |      | 1470 | 1680 | 1900 | 2130 | 2360 | 2600 |      |
| M6ZL-0055-IAA | AFE20C5E-IAA |     |     |      | 1510 | 1730 | 1980 | 2230 | 2490 | 2760 | 3030 |
| M6ZL-0055-IAV | AFE20C5E-IAV |     |     |      | 1510 | 1730 | 1980 | 2230 | 2490 | 2760 | 3030 |
| M6ZL-0063-IAA | RFT22C1E-IAA |     |     |      | 1490 | 1740 | 2010 | 2310 | 2620 | 2950 |      |
| M6ZL-0063-IAV | RFT22C1E-IAV |     |     |      | 1490 | 1740 | 2010 | 2310 | 2620 | 2950 |      |
| M6ZL-H064-CAA | RFT22C1E-CAA |     |     |      | 1490 | 1740 | 2020 | 2320 | 2640 | 2970 |      |
| M6ZL-H064-CAV | RFT22C1E-CAV |     |     |      | 1490 | 1740 | 2020 | 2320 | 2640 | 2970 |      |
| M6ZL-H064-IAA | RFT22C1E-IAA |     |     |      | 1490 | 1740 | 2020 | 2320 | 2640 | 2970 |      |
| M6ZL-H064-IAV | RFT22C1E-IAV |     |     |      | 1490 | 1740 | 2020 | 2320 | 2640 | 2970 |      |
| M6GL-H070-CAA | RFT22C1E-CAA |     |     | 1360 | 1600 | 1880 | 2190 | 2530 | 2890 | 3280 |      |
| M6GL-H070-CAV | RFT22C1E-CAV |     |     | 1360 | 1600 | 1880 | 2190 | 2530 | 2890 | 3280 |      |
| M6ZL-0078-IAA | RFT26C1E-IAA |     |     |      | 1760 | 2040 | 2360 | 2690 | 3040 | 3400 |      |
| M6ZL-0078-IAV | RFT26C1E-IAV |     |     |      | 1760 | 2040 | 2360 | 2690 | 3040 | 3400 |      |
| M6ZL-H066-CAV | AFE23C5E-CAV |     |     |      | 1790 | 2050 | 2340 | 2640 | 2970 | 3300 | 3640 |
| M6ZL-H078-CAA | RFT26C1E-CAA |     |     |      | 1880 | 2190 | 2530 | 2890 | 3270 | 3670 |      |
| M6ZL-H078-CAV | RFT26C1E-CAV |     |     |      | 1880 | 2190 | 2530 | 2890 | 3270 | 3670 |      |
| M6ZL-H078-IAA | RFT26C1E-IAA |     |     |      | 1880 | 2190 | 2530 | 2890 | 3270 | 3670 |      |
| M6ZL-H078-IAV | RFT26C1E-IAV |     |     |      | 1880 | 2190 | 2530 | 2890 | 3270 | 3670 |      |
| M6ZL-H076-CAV | AFE26C5E-CAV |     |     |      | 1990 | 2280 | 2600 | 2930 | 3280 | 3640 | 4000 |
| M6GL-H079-CAA | RFT26C1E-CAA |     |     |      | 1960 | 2300 | 2670 | 3070 | 3500 | 3960 |      |
| M6GL-H079-CAV | RFT26C1E-CAV |     |     |      | 1960 | 2300 | 2670 | 3070 | 3500 | 3960 |      |
| M6KL-0123-CFA | RFT42C1E-PFA |     |     |      | 3390 | 3710 | 4100 | 4560 | 5070 | 5600 |      |
| M6KL-0123-CFV | RFT42C1E-PFV |     |     |      | 3390 | 3710 | 4100 | 4560 | 5070 | 5600 |      |

Capacities rated at 40°F return gas, 5°F subcooling

# R-449A Medium Temp/EMT

# Copeland air-cooled condensing units

| Model         | Compressor   | -10  | -5   | 0    | 5    | 10   | 15   | 20    | 25    | 30    |
|---------------|--------------|------|------|------|------|------|------|-------|-------|-------|
| 90° Ambient   |              |      |      |      |      |      |      |       |       |       |
| M6JM-0017-IAA | ASE12C4E-IAA | 681  | 791  | 907  | 1030 | 1160 | 1300 | 1440  | 1590  | 1750  |
| M6JM-H020-IAA | ASE12C4E-IAA | 690  | 818  | 954  | 1100 | 1250 | 1420 | 1590  | 1780  | 1980  |
| M6ZM-0021-IAA | ASE12C4E-IAA | 689  | 820  | 960  | 1110 | 1270 | 1440 | 1630  | 1820  | 2030  |
| M6JM-H023-IAA | ASE14C4E-IAA | 859  | 1010 | 1170 | 1330 | 1500 | 1680 | 1870  | 2080  | 2300  |
| M6QM-H025-IAA | ASE14C4E-IAA | 860  | 1010 | 1170 | 1330 | 1510 | 1690 | 1890  | 2100  | 2320  |
| M6JM-H028-IAA | ASE20C4E-IAA |      |      | 1510 | 1730 | 1940 | 2150 | 2370  | 2610  | 2860  |
| M6JM-H028-IAV | ASE20C4E-IAV |      |      | 1510 | 1730 | 1940 | 2150 | 2370  | 2610  | 2860  |
| M6ZM-0031-IAA | ASE20C4E-IAA | 984  | 1240 | 1480 | 1700 | 1920 | 2150 | 2390  | 2640  | 2920  |
| M6ZM-0025-IAA | ASE14C4E-IAA |      |      | 1530 | 1760 | 1990 | 2220 | 2470  | 2730  | 3010  |
| M6ZM-0025-IAV | ASE20C4E-IAV |      |      | 1530 | 1760 | 1990 | 2220 | 2470  | 2730  | 3010  |
| M6ZM-H026-CAA | ASE20C4E-CAA | 1170 | 1330 | 1520 | 1740 | 1980 | 2240 | 2520  | 2810  | 3110  |
| M6JM-H030-IAA | ASE24C5E-IAA | 1270 | 1450 | 1640 | 1850 | 2080 | 2320 | 2580  | 2860  | 3160  |
| M6ZM-0032-IAA | ASE24C5E-IAA | 1290 | 1470 | 1680 | 1900 | 2150 | 2410 | 2690  | 3000  | 3320  |
| M6ZM-H035-IAA | ASE24C5E-IAA | 1300 | 1490 | 1700 | 1930 | 2180 | 2450 | 2740  | 3060  | 3390  |
| M6JM-H035-IAA | ASE28C5E-IAA | 1710 | 1800 | 1940 | 2130 | 2360 | 2640 | 2970  | 3350  | 3770  |
| M6JM-H035-IAV | ASE28C5E-IAV | 1710 | 1800 | 1940 | 2130 | 2360 | 2640 | 2970  | 3350  | 3770  |
| M6ZM-0038-IAA | ASE28C5E-IAA | 1760 | 1850 | 2000 | 2190 | 2440 | 2750 | 3110  | 3530  | 3990  |
| M6ZM-0038-IAV | ASE28C5E-IAV | 1760 | 1850 | 2000 | 2190 | 2440 | 2750 | 3110  | 3530  | 3990  |
| M6JM-H043-IAA | ASE39C5E-IAA |      | 2450 | 2540 | 2760 | 3070 | 3450 | 3850  | 4250  | 4620  |
| M6ZM-0048-IAA | ASE39C5E-IAA |      | 2520 | 2640 | 2890 | 3250 | 3670 | 4120  | 4580  | 5000  |
| M6ZP-0053-IAA | RST45C1E-IAA | 1970 | 2280 | 2610 | 2960 | 3330 | 3720 | 4140  | 4590  | 5070  |
| M6ZP-0053-IAV | RST45C1E-IAV | 1970 | 2280 | 2610 | 2960 | 3330 | 3720 | 4140  | 4590  | 5070  |
| M6ZM-H054-CAV | ASE39C5E-CAV | 2090 | 2450 | 2830 | 3220 | 3610 | 3990 | 4370  | 4730  | 5070  |
| M6ZP-H059-CAA | RST45C1E-CAA | 2060 | 2370 | 2720 | 3100 | 3510 | 3950 | 4420  | 4930  | 5460  |
| M6ZP-H059-CAV | RST45C1E-CAV | 2060 | 2370 | 2720 | 3100 | 3510 | 3950 | 4420  | 4930  | 5460  |
| M6GP-H064-CAA | RST45C1E-CAA | 2120 | 2460 | 2830 | 3240 | 3690 | 4180 | 4720  | 5290  | 5900  |
| M6GP-H064-CAV | RST45C1E-CAV | 2120 | 2460 | 2830 | 3240 | 3690 | 4180 | 4720  | 5290  | 5900  |
| M6KP-0064-CAA | RST45C1E-CAA | 2130 | 2470 | 2840 | 3260 | 3720 | 4210 | 4760  | 5340  | 5970  |
| M6KP-0064-CAV | RST45C1E-CAV | 2130 | 2470 | 2840 | 3260 | 3720 | 4210 | 4760  | 5340  | 5970  |
| M6GP-H074-CAA | RST55C1E-CAA | 2680 | 3030 | 3440 | 3910 | 4450 | 5030 | 5660  | 6340  | 7050  |
| M6GP-H074-CAV | RST55C1E-CAV | 2680 | 3030 | 3440 | 3910 | 4450 | 5030 | 5660  | 6340  | 7050  |
| M6KP-0075-CAA | RST55C1E-CAA | 2690 | 3040 | 3460 | 3950 | 4490 | 5090 | 5740  | 6430  | 7170  |
| M6KP-0075-CAV | RST55C1E-CAV | 2690 | 3040 | 3460 | 3950 | 4490 | 5090 | 5740  | 6430  | 7170  |
| M6ZP-H090-CFA | RST80C1E-PFA |      |      | 4750 | 5310 | 5880 | 6460 | 7060  | 7670  |       |
| M6ZP-H090-CFV | RST80C1E-PFV |      |      | 4750 | 5310 | 5880 | 6460 | 7060  | 7670  |       |
| M6GP-H090-CAV | RST64C1E-CAV |      | 4020 | 4540 | 5090 | 5680 | 6310 | 6990  | 7720  | 8490  |
| M6GP-H090-CFA | RST64C1E-CFA |      | 4020 | 4540 | 5090 | 5680 | 6310 | 6990  | 7720  | 8490  |
| M6KP-0095-CFV | RST70C1E-PFV | 3450 | 4000 | 4580 | 5180 | 5810 | 6460 | 7140  | 7820  | 8530  |
| M6KP-0092-CAV | RST64C1E-CAV | 3550 | 4050 | 4570 | 5140 | 5740 | 6400 | 7100  | 7850  | 8660  |
| M6KP-0092-CFA | RST64C1E-CFA | 3550 | 4050 | 4570 | 5140 | 5740 | 6400 | 7100  | 7850  | 8660  |
| M6KP-0102-CAV | RST64C1E-CAV | 3800 | 4350 | 4960 | 5610 | 6340 | 7130 | 8010  | 8970  | 10000 |
| M6KP-0102-CFA | RST64C1E-CFA | 3800 | 4350 | 4960 | 5610 | 6340 | 7130 | 8010  | 8970  | 10000 |
| M6KP-0106-CFV | RST80C1E-PFV |      | 4660 | 5310 | 6000 | 6710 | 7460 | 8220  | 9010  | 9810  |
| M6KP-0112-CFV | RST70C1E-PFV | 3900 | 4510 | 5170 | 5870 | 6620 | 7420 | 8260  | 9140  | 10100 |
| M6KP-0116-CFV | RST97C1E-PFV |      | 5200 | 5890 | 6610 | 7350 | 8110 | 8870  | 9630  | 10400 |
| M6KP-0127-CFV | RST80C1E-PFV | 4480 | 5190 | 5950 | 6760 | 7630 | 8540 | 9500  | 10500 | 11500 |
| M6KP-0142-CFV | RST97C1E-PFV | 5060 | 5820 | 6630 | 7500 | 8410 | 9360 | 10300 | 11400 | 12400 |

Capacities rated at 40°F return gas, 5°F subcooling

# R-449A Medium Temp/EMT

# Copeland air-cooled condensing units

| Model         | Compressor   | -10 | -5   | 0    | 5    | 10   | 15   | 20   | 25    | 30    |
|---------------|--------------|-----|------|------|------|------|------|------|-------|-------|
| 100° Ambient  |              |     |      |      |      |      |      |      |       |       |
| M6JM-0017-IAA | ASE12C4E-IAA |     | 712  | 818  | 930  | 1050 | 1170 | 1300 | 1440  | 1590  |
| M6JM-H020-IAA | ASE12C4E-IAA |     | 732  | 858  | 992  | 1130 | 1290 | 1450 | 1620  | 1800  |
| M6ZM-0021-IAA | ASE12C4E-IAA |     | 733  | 862  | 1000 | 1150 | 1310 | 1480 | 1660  | 1850  |
| M6JM-H023-IAA | ASE14C4E-IAA |     | 917  | 1060 | 1210 | 1360 | 1530 | 1710 | 1900  | 2100  |
| M6QM-H025-IAA | ASE14C4E-IAA |     | 919  | 1060 | 1210 | 1370 | 1540 | 1720 | 1920  | 2130  |
| M6JM-H028-IAA | ASE20C4E-IAA |     |      | 1430 | 1610 | 1790 | 1960 | 2150 | 2350  | 2570  |
| M6JM-H028-IAV | ASE20C4E-IAV |     |      | 1430 | 1610 | 1790 | 1960 | 2150 | 2350  | 2570  |
| M6ZM-0031-IAA | ASE20C4E-IAA |     | 1200 | 1400 | 1590 | 1770 | 1960 | 2170 | 2390  | 2630  |
| M6ZM-0025-IAA | ASE14C4E-IAA |     |      | 1450 | 1640 | 1830 | 2030 | 2240 | 2460  | 2710  |
| M6ZM-0025-IAV | ASE20C4E-IAV |     |      | 1450 | 1640 | 1830 | 2030 | 2240 | 2460  | 2710  |
| M6ZM-H026-CAA | ASE20C4E-CAA |     | 1210 | 1380 | 1580 | 1790 | 2030 | 2290 | 2560  | 2850  |
| M6JM-H030-IAA | ASE24C5E-IAA |     | 1310 | 1480 | 1670 | 1880 | 2110 | 2350 | 2610  | 2880  |
| M6ZM-0032-IAA | ASE24C5E-IAA |     | 1330 | 1510 | 1720 | 1940 | 2190 | 2450 | 2730  | 3030  |
| M6ZM-H035-IAA | ASE24C5E-IAA |     | 1350 | 1540 | 1750 | 1980 | 2230 | 2500 | 2790  | 3100  |
| M6JM-H035-IAA | ASE28C5E-IAA |     |      | 1780 | 1950 | 2170 | 2430 | 2730 | 3070  | 3450  |
| M6JM-H035-IAV | ASE28C5E-IAV |     |      | 1780 | 1950 | 2170 | 2430 | 2730 | 3070  | 3450  |
| M6ZM-0038-IAA | ASE28C5E-IAA |     |      | 1830 | 2020 | 2250 | 2530 | 2860 | 3240  | 3670  |
| M6ZM-0038-IAV | ASE28C5E-IAV |     |      | 1830 | 2020 | 2250 | 2530 | 2860 | 3240  | 3670  |
| M6JM-H043-IAA | ASE39C5E-IAA |     |      |      | 2510 | 2790 | 3120 | 3480 | 3840  |       |
| M6ZP-0053-IAA | RST45C1E-IAA |     |      | 2370 | 2680 | 3010 | 3360 | 3730 | 4130  | 4550  |
| M6ZP-0053-IAV | RST45C1E-IAV |     |      | 2370 | 2680 | 3010 | 3360 | 3730 | 4130  | 4550  |
| M6ZM-0048-IAA | ASE39C5E-IAA |     |      | 2430 | 2640 | 2950 | 3340 | 3750 | 4170  | 4560  |
| M6ZM-H054-CAV | ASE39C5E-CAV |     |      | 2590 | 2940 | 3300 | 3660 | 4020 | 4360  | 4690  |
| M6ZP-H059-CAA | RST45C1E-CAA |     |      | 2440 | 2790 | 3160 | 3560 | 3990 | 4450  | 4940  |
| M6ZP-H059-CAV | RST45C1E-CAV |     |      | 2440 | 2790 | 3160 | 3560 | 3990 | 4450  | 4940  |
| M6GP-H064-CAA | RST45C1E-CAA |     | 2210 | 2550 | 2920 | 3330 | 3780 | 4270 | 4790  | 5360  |
| M6GP-H064-CAV | RST45C1E-CAV |     | 2210 | 2550 | 2920 | 3330 | 3780 | 4270 | 4790  | 5360  |
| M6KP-0064-CAA | RST45C1E-CAA |     | 2210 | 2560 | 2940 | 3360 | 3810 | 4310 | 4840  | 5420  |
| M6KP-0064-CAV | RST45C1E-CAV |     | 2210 | 2560 | 2940 | 3360 | 3810 | 4310 | 4840  | 5420  |
| M6GP-H074-CAA | RST55C1E-CAA |     |      | 3050 | 3480 | 3970 | 4510 | 5110 | 5740  | 6420  |
| M6GP-H074-CAV | RST55C1E-CAV |     |      | 3050 | 3480 | 3970 | 4510 | 5110 | 5740  | 6420  |
| M6KP-0075-CAA | RST55C1E-CAA |     | 2690 | 3070 | 3510 | 4010 | 4560 | 5170 | 5830  | 6520  |
| M6KP-0075-CAV | RST55C1E-CAV |     | 2690 | 3070 | 3510 | 4010 | 4560 | 5170 | 5830  | 6520  |
| M6GP-H090-CAV | RST64C1E-CAV |     |      | 4150 | 4660 | 5190 | 5770 | 6400 | 7060  | 7770  |
| M6GP-H090-CFA | RST64C1E-CFA |     |      | 4150 | 4660 | 5190 | 5770 | 6400 | 7060  | 7770  |
| M6KP-0092-CAV | RST64C1E-CAV |     |      | 4180 | 4700 | 5260 | 5860 | 6500 | 7190  | 7940  |
| M6KP-0092-CFA | RST64C1E-CFA |     |      | 4180 | 4700 | 5260 | 5860 | 6500 | 7190  | 7940  |
| M6ZP-H090-CFA | RST80C1E-PFA |     |      |      |      | 5350 | 5900 |      |       |       |
| M6ZP-H090-CFV | RST80C1E-PFV |     |      |      |      | 5350 | 5900 |      |       |       |
| M6KP-0095-CFV | RST70C1E-PFV |     |      | 4150 | 4720 | 5320 | 5930 | 6560 | 7200  | 7860  |
| M6KP-0102-CAV | RST64C1E-CAV |     | 3940 | 4500 | 5100 | 5770 | 6500 | 7310 | 8200  | 9180  |
| M6KP-0102-CFA | RST64C1E-CFA |     | 3940 | 4500 | 5100 | 5770 | 6500 | 7310 | 8200  | 9180  |
| M6KP-0106-CFV | RST80C1E-PFV |     |      | 4760 | 5400 | 6060 | 6760 | 7480 | 8220  | 8970  |
| M6KP-0112-CFV | RST70C1E-PFV |     | 3990 | 4610 | 5280 | 5980 | 6730 | 7520 | 8350  | 9230  |
| M6KP-0116-CFV | RST97C1E-PFV |     |      |      | 5990 | 6690 | 7390 | 8110 | 8810  |       |
| M6KP-0127-CFV | RST80C1E-PFV |     | 4570 | 5290 | 6060 | 6880 | 7740 | 8660 | 9610  | 10600 |
| M6KP-0142-CFV | RST97C1E-PFV |     | 5170 | 5950 | 6770 | 7630 | 8530 | 9460 | 10400 | 11400 |

Capacities rated at 40°F return gas, 5°F subcooling

# R-449A Medium Temp/EMT

# Copeland air-cooled condensing units

| Model         | Compressor   | -10 | -5 | 0    | 5    | 10   | 15   | 20   | 25   | 30    |
|---------------|--------------|-----|----|------|------|------|------|------|------|-------|
| 110° Ambient  |              |     |    |      |      |      |      |      |      |       |
| M6JM-0017-IAA | ASE12C4E-IAA |     |    |      | 820  | 933  | 1050 | 1180 | 1300 | 1440  |
| M6JM-H020-IAA | ASE12C4E-IAA |     |    | 780  | 901  | 1030 | 1170 | 1310 | 1460 | 1630  |
| M6ZM-0021-IAA | ASE12C4E-IAA |     |    | 768  | 895  | 1030 | 1170 | 1330 | 1490 | 1670  |
| M6JM-H023-IAA | ASE14C4E-IAA |     |    | 964  | 1100 | 1240 | 1390 | 1560 | 1730 | 1920  |
| M6QM-H025-IAA | ASE14C4E-IAA |     |    | 955  | 1090 | 1240 | 1400 | 1560 | 1740 | 1940  |
| M6JM-H028-IAA | ASE20C4E-IAA |     |    |      |      |      | 1780 | 1920 | 2090 | 2270  |
| M6JM-H028-IAV | ASE20C4E-IAV |     |    |      |      |      | 1780 | 1920 | 2090 | 2270  |
| M6ZM-0031-IAA | ASE20C4E-IAA |     |    |      | 1470 | 1620 | 1780 | 1950 | 2130 | 2340  |
| M6ZM-0025-IAA | ASE14C4E-IAA |     |    |      |      | 1680 | 1840 | 2010 | 2200 | 2420  |
| M6ZM-0025-IAV | ASE20C4E-IAV |     |    |      |      | 1680 | 1840 | 2010 | 2200 | 2420  |
| M6ZM-H026-CAA | ASE20C4E-CAA |     |    | 1240 | 1410 | 1610 | 1830 | 2070 | 2320 | 2580  |
| M6JM-H030-IAA | ASE24C5E-IAA |     |    |      | 1510 | 1690 | 1890 | 2110 | 2340 | 2590  |
| M6ZM-0032-IAA | ASE24C5E-IAA |     |    |      | 1540 | 1750 | 1970 | 2210 | 2470 | 2750  |
| M6ZM-H035-IAA | ASE24C5E-IAA |     |    | 1380 | 1570 | 1780 | 2010 | 2250 | 2520 | 2810  |
| M6JM-H035-IAA | ASE28C5E-IAA |     |    |      | 1780 | 1980 | 2210 | 2480 |      |       |
| M6JM-H035-IAV | ASE28C5E-IAV |     |    |      | 1780 | 1980 | 2210 | 2480 |      |       |
| M6ZM-0038-IAA | ASE28C5E-IAA |     |    |      | 1840 | 2060 | 2320 | 2620 | 2960 | 3350  |
| M6ZM-0038-IAV | ASE28C5E-IAV |     |    |      | 1840 | 2060 | 2320 | 2620 | 2960 | 3350  |
| M6JM-H043-IAA | ASE39C5E-IAA |     |    |      |      | 2480 |      |      |      |       |
| M6ZP-0053-IAA | RST45C1E-IAA |     |    |      |      | 2660 | 2960 | 3290 |      |       |
| M6ZP-0053-IAV | RST45C1E-IAV |     |    |      |      | 2660 | 2960 | 3290 |      |       |
| M6ZM-0048-IAA | ASE39C5E-IAA |     |    |      | 2390 | 2660 | 2990 | 3370 |      |       |
| M6ZP-H059-CAA | RST45C1E-CAA |     |    |      | 2480 | 2820 | 3180 | 3570 | 3980 |       |
| M6ZP-H059-CAV | RST45C1E-CAV |     |    |      | 2480 | 2820 | 3180 | 3570 | 3980 |       |
| M6ZM-H054-CAV | ASE39C5E-CAV |     |    |      | 2690 | 3020 | 3370 | 3710 | 4040 |       |
| M6GP-H064-CAA | RST45C1E-CAA |     |    |      | 2610 | 2980 | 3390 | 3830 | 4310 | 4820  |
| M6GP-H064-CAV | RST45C1E-CAV |     |    |      | 2610 | 2980 | 3390 | 3830 | 4310 | 4820  |
| M6KP-0064-CAA | RST45C1E-CAA |     |    |      | 2620 | 3000 | 3420 | 3870 | 4360 | 4890  |
| M6KP-0064-CAV | RST45C1E-CAV |     |    |      | 2620 | 3000 | 3420 | 3870 | 4360 | 4890  |
| M6GP-H074-CAA | RST55C1E-CAA |     |    |      | 3090 | 3540 | 4050 | 4600 | 5200 | 5850  |
| M6GP-H074-CAV | RST55C1E-CAV |     |    |      | 3090 | 3540 | 4050 | 4600 | 5200 | 5850  |
| M6KP-0075-CAA | RST55C1E-CAA |     |    |      | 3110 | 3570 | 4090 | 4660 | 5270 | 5930  |
| M6KP-0075-CAV | RST55C1E-CAV |     |    |      | 3110 | 3570 | 4090 | 4660 | 5270 | 5930  |
| M6GP-H090-CAV | RST64C1E-CAV |     |    |      |      | 4720 | 5240 | 5810 |      |       |
| M6GP-H090-CFA | RST64C1E-CFA |     |    |      |      | 4720 | 5240 | 5810 |      |       |
| M6KP-0092-CAV | RST64C1E-CAV |     |    |      |      | 4780 | 5330 | 5910 |      |       |
| M6KP-0092-CFA | RST64C1E-CFA |     |    |      |      | 4780 | 5330 | 5910 |      |       |
| M6KP-0095-CFV | RST70C1E-PFV |     |    |      | 4250 | 4820 | 5390 | 5980 | 6580 |       |
| M6KP-0102-CAV | RST64C1E-CAV |     |    | 4120 | 4680 | 5290 | 5950 | 6690 | 7500 | 8400  |
| M6KP-0102-CFA | RST64C1E-CFA |     |    | 4120 | 4680 | 5290 | 5950 | 6690 | 7500 | 8400  |
| M6KP-0106-CFV | RST80C1E-PFV |     |    |      |      | 5430 | 6080 |      |      |       |
| M6KP-0112-CFV | RST70C1E-PFV |     |    | 4140 | 4760 | 5420 | 6120 | 6850 | 7620 | 8430  |
| M6KP-0116-CFV | RST97C1E-PFV |     |    |      |      | 6030 |      |      |      |       |
| M6KP-0127-CFV | RST80C1E-PFV |     |    | 4730 | 5440 | 6200 | 7010 | 7850 | 8740 | 9660  |
| M6KP-0142-CFV | RST97C1E-PFV |     |    |      | 6120 | 6930 | 7760 | 8620 | 9500 | 10400 |

Capacities rated at 40°F return gas, 5°F subcooling

# R-450A Medium Temp/EMT

# Copeland air-cooled condensing units

| Model         | Compressor   | -25  | -20  | -15  | -10  | -5   | 0    | 5    | 10   | 15   | 20   | 25   | 30   |
|---------------|--------------|------|------|------|------|------|------|------|------|------|------|------|------|
| 90° Ambient   |              |      |      |      |      |      |      |      |      |      |      |      |      |
| M7JM-0019-IAA | AFE05C4E-IAA | 406  | 487  | 574  | 669  | 771  | 883  | 1000 | 1140 | 1280 | 1430 |      |      |
| M7JM-H020-IAA | AFE05C4E-IAA | 424  | 509  | 601  | 702  | 810  | 929  | 1060 | 1200 | 1350 | 1510 |      |      |
| M7JP-0020-IAA | AFF07C1E-IAA | 451  | 531  | 617  | 709  | 808  | 916  | 1030 | 1160 | 1300 | 1440 | 1600 |      |
| M7ZP-0021-IAA | AFE05C4E-IAA | 428  | 515  | 609  | 711  | 821  | 942  | 1070 | 1210 | 1370 | 1540 |      |      |
| M7JP-0029-IAA | AFF10C1E-IAA | 682  | 807  | 939  | 1080 | 1230 | 1390 | 1560 | 1750 | 1940 | 2150 | 2370 |      |
| M7JP-0031-IAA | AFF13C1E-IAA | 790  | 934  | 1090 | 1250 | 1420 | 1600 | 1790 | 2000 | 2210 | 2440 | 2680 |      |
| M7JL-0034-IAA | AFE12C4E-IAA | 871  | 1010 | 1160 | 1340 | 1530 | 1730 | 1940 | 2160 | 2380 | 2600 |      |      |
| M7JM-H036-IAA | AFE12C4E-IAA | 920  | 1070 | 1240 | 1430 | 1650 | 1880 | 2130 | 2390 | 2670 | 2960 |      |      |
| M7ZP-0041-IAA | AFE12C4E-IAA | 935  | 1090 | 1260 | 1460 | 1690 | 1930 | 2190 | 2470 | 2760 | 3070 |      |      |
| M7ZM-0043-IAA | AFF13C5E-IAA | 949  | 1110 | 1300 | 1510 | 1740 | 1980 | 2250 | 2540 | 2840 | 3150 |      |      |
| M7ZP-H062-CFA | RFT18C1E-PFA | 1360 | 1670 | 2000 | 2330 | 2670 | 3030 | 3390 | 3760 | 4150 | 4540 | 4950 | 5360 |
| M7GP-H066-CFA | RFT18C1E-PFA | 1400 | 1720 | 2060 | 2410 | 2770 | 3140 | 3530 | 3930 | 4350 | 4780 | 5220 | 5680 |
| 100° Ambient  |              |      |      |      |      |      |      |      |      |      |      |      |      |
| M7JM-0019-IAA | AFE05C4E-IAA | 365  | 439  | 520  | 608  | 705  | 811  | 927  | 1050 | 1190 | 1340 |      |      |
| M7JM-H020-IAA | AFE05C4E-IAA | 382  | 461  | 547  | 641  | 744  | 858  | 981  | 1120 | 1260 | 1420 |      |      |
| M7ZP-0021-IAA | AFE05C4E-IAA | 387  | 467  | 555  | 651  | 756  | 872  | 998  | 1140 | 1290 | 1450 |      |      |
| M7JP-0020-IAA | AFF07C1E-IAA | 414  | 493  | 576  | 664  | 758  | 859  | 969  | 1090 | 1210 | 1350 | 1500 |      |
| M7JP-0029-IAA | AFF10C1E-IAA | 621  | 743  | 870  | 1000 | 1150 | 1300 | 1460 | 1630 | 1810 | 2000 | 2200 |      |
| M7JP-0031-IAA | AFF13C1E-IAA | 717  | 858  | 1000 | 1160 | 1320 | 1490 | 1670 | 1850 | 2050 | 2260 | 2480 |      |
| M7JL-0034-IAA | AFE12C4E-IAA | 809  | 933  | 1080 | 1230 | 1410 | 1590 | 1780 | 1970 | 2170 |      |      |      |
| M7JM-H036-IAA | AFE12C4E-IAA | 851  | 989  | 1150 | 1330 | 1530 | 1750 | 1980 | 2220 | 2480 | 2740 |      |      |
| M7ZP-0041-IAA | AFE12C4E-IAA | 865  | 1010 | 1170 | 1360 | 1570 | 1800 | 2040 | 2300 | 2580 | 2860 |      |      |
| M7ZM-0043-IAA | AFF13C5E-IAA | 873  | 1030 | 1200 | 1400 | 1610 | 1840 | 2090 | 2360 | 2640 | 2930 |      |      |
| M7ZP-H062-CFA | RFT18C1E-PFA | 1160 | 1470 | 1780 | 2110 | 2440 | 2780 | 3130 | 3490 | 3850 | 4230 | 4610 | 5010 |
| M7GP-H066-CFA | RFT18C1E-PFA | 1210 | 1530 | 1860 | 2190 | 2540 | 2900 | 3270 | 3650 | 4040 | 4450 | 4870 | 5300 |
| 110° Ambient  |              |      |      |      |      |      |      |      |      |      |      |      |      |
| M7JM-0019-IAA | AFE05C4E-IAA | 321  | 388  | 462  | 544  | 634  | 734  | 844  | 965  | 1100 | 1240 |      |      |
| M7JM-H020-IAA | AFE05C4E-IAA | 336  | 407  | 486  | 574  | 672  | 780  | 899  | 1030 | 1170 | 1330 |      |      |
| M7ZP-0021-IAA | AFE05C4E-IAA | 343  | 417  | 498  | 587  | 687  | 797  | 918  | 1050 | 1200 | 1360 |      |      |
| M7JP-0020-IAA | AFF07C1E-IAA | 375  | 453  | 533  | 618  | 707  | 802  | 903  | 1010 | 1130 | 1260 | 1390 |      |
| M7JP-0029-IAA | AFF10C1E-IAA |      | 673  | 795  | 922  | 1050 | 1190 | 1340 | 1500 | 1670 |      |      |      |
| M7JP-0031-IAA | AFF13C1E-IAA |      | 774  | 914  | 1060 | 1210 | 1370 | 1530 | 1700 |      |      |      |      |
| M7JL-0034-IAA | AFE12C4E-IAA |      |      | 984  | 1120 | 1280 | 1440 |      |      |      |      |      |      |
| M7JM-H036-IAA | AFE12C4E-IAA |      | 912  | 1060 | 1220 | 1400 | 1600 | 1810 | 2040 | 2270 | 2510 |      |      |
| M7ZP-0041-IAA | AFE12C4E-IAA | 801  | 931  | 1080 | 1250 | 1450 | 1660 | 1880 | 2120 | 2370 | 2640 |      |      |
| M7ZM-0043-IAA | AFF13C5E-IAA | 798  | 942  | 1110 | 1290 | 1490 | 1710 | 1940 | 2180 | 2440 | 2710 |      |      |
| M7ZP-H062-CFA | RFT18C1E-PFA |      |      | 1550 | 1870 | 2190 | 2530 | 2870 | 3220 | 3570 | 3940 | 4320 |      |
| M7GP-H066-CFA | RFT18C1E-PFA |      |      | 1620 | 1950 | 2290 | 2640 | 3000 | 3370 | 3750 | 4130 | 4540 | 4950 |

Capacities rated at 40°F return gas, 5°F subcooling



# R-450A High Temp

# Copeland air-cooled condensing units

| Model         | Compressor   | -10  | -5   | 0    | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40    | 45    |
|---------------|--------------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| 90° Ambient   |              |      |      |      |      |      |      |      |      |      |      |       |       |
| M7JH-0012-IAA | ARE13C4E-IAA |      |      | 528  | 608  | 695  | 791  | 894  | 1010 | 1130 | 1260 | 1400  | 1550  |
| M7JH-H012-IAA | ARE13C4E-IAA |      |      | 550  | 635  | 727  | 828  | 939  | 1060 | 1190 | 1340 | 1490  | 1660  |
| M7ZH-0013-IAA | ARE13C4E-IAA |      |      | 556  | 642  | 736  | 839  | 952  | 1080 | 1210 | 1360 | 1520  | 1690  |
| M7JH-0014-IAA | ARE17C4E-IAA |      |      | 654  | 749  | 851  | 961  | 1080 | 1210 | 1350 | 1500 | 1650  | 1820  |
| M7JH-H015-IAA | ARE17C4E-IAA |      |      | 682  | 782  | 890  | 1010 | 1140 | 1280 | 1430 | 1590 | 1770  | 1950  |
| M7ZH-0016-IAA | ARE17C4E-IAA |      |      | 689  | 791  | 902  | 1020 | 1160 | 1300 | 1450 | 1620 | 1800  | 2000  |
| M7JH-0018-IAA | ARE25C4E-IAA |      |      | 895  | 1020 | 1150 | 1290 | 1450 | 1610 | 1790 | 1980 | 2180  | 2390  |
| M7JH-H020-IAA | ARE25C4E-IAA |      |      | 939  | 1070 | 1220 | 1370 | 1540 | 1730 | 1920 | 2130 | 2360  | 2600  |
| M7JH-0021-IAA | ARE29C4E-IAA |      |      | 1080 | 1200 | 1340 | 1500 | 1670 | 1850 | 2040 | 2250 | 2450  | 2660  |
| M7JH-H024-IAA | ARE29C4E-IAA |      |      | 1140 | 1270 | 1430 | 1610 | 1800 | 2020 | 2240 | 2480 | 2730  | 3000  |
| M7JH-0026-IAA | ARE35C5E-IAA |      |      | 1190 | 1350 | 1530 | 1720 | 1920 | 2140 | 2360 | 2600 | 2850  | 3110  |
| M7JH-H029-IAA | ARE35C5E-IAA |      |      | 1270 | 1440 | 1640 | 1850 | 2070 | 2320 | 2580 | 2860 | 3160  | 3470  |
| M7ZH-0031-IAA | ARE35C5E-IAA |      |      | 1290 | 1470 | 1670 | 1890 | 2130 | 2380 | 2660 | 2950 | 3260  | 3590  |
| M7JH-H038-IAA | ARE48C5E-IAA |      |      | 1690 | 1940 | 2190 | 2470 | 2750 | 3060 | 3370 | 3710 | 4050  | 4410  |
| M7JH-H038-IAV | ARE48C5E-IAV |      |      | 1690 | 1940 | 2190 | 2470 | 2750 | 3060 | 3370 | 3710 | 4050  | 4410  |
| M7ZH-0041-IAA | ARE48C5E-IAA |      |      | 1730 | 1980 | 2250 | 2540 | 2840 | 3170 | 3510 | 3870 | 4250  | 4640  |
| M7ZH-0041-IAV | ARE48C5E-IAV |      |      | 1730 | 1980 | 2250 | 2540 | 2840 | 3170 | 3510 | 3870 | 4250  | 4640  |
| M7JH-H042-IAA | ARE54C5E-IAA |      |      | 1890 | 2160 | 2450 | 2750 | 3070 | 3400 | 3740 | 4100 | 4460  | 4840  |
| M7ZH-0045-IAA | ARE54C5E-IAA |      |      | 1940 | 2220 | 2520 | 2840 | 3180 | 3540 | 3910 | 4300 | 4710  | 5130  |
| M7ZH-0045-IAV | ARE54C5E-IAV |      |      | 1940 | 2220 | 2520 | 2840 | 3180 | 3540 | 3910 | 4300 | 4710  | 5130  |
| M7ZH-H046-IAV | RRT62C1E-IAV |      | 1880 | 2120 | 2400 | 2710 | 3050 | 3410 | 3790 | 4190 | 4600 | 5020  | 5460  |
| M7ZH-H046-IAA | RRT62C1E-IAA |      | 1830 | 2120 | 2420 | 2740 | 3080 | 3430 | 3800 | 4190 | 4600 | 5040  | 5490  |
| M7ZH-0051-IAV | RRT64C1E-IAV |      | 2130 | 2410 | 2730 | 3070 | 3430 | 3820 | 4230 | 4660 | 5110 | 5570  | 6050  |
| M7ZH-0051-IAA | RRT64C1E-IAA |      | 2210 | 2500 | 2820 | 3180 | 3560 | 3970 | 4390 | 4820 | 5260 | 5700  | 6140  |
| M7ZH-H055-CAV | RRT64C1E-CAV |      | 2220 | 2520 | 2850 | 3210 | 3600 | 4020 | 4450 | 4910 | 5390 | 5890  | 6400  |
| M7ZH-H055-CAA | RRT64C1E-CAA |      | 2260 | 2560 | 2890 | 3260 | 3660 | 4080 | 4530 | 4980 | 5450 | 5920  | 6390  |
| M7GH-H057-CAV | RRT64C1E-CAV | 2040 | 2310 | 2630 | 2980 | 3360 | 3780 | 4230 | 4700 | 5200 | 5730 | 6280  | 6850  |
| M7GH-H057-CAA | RRT64C1E-CAA | 2060 | 2330 | 2630 | 2980 | 3370 | 3800 | 4260 | 4740 | 5250 | 5780 | 6320  | 6880  |
| M7KH-0060-CAV | RRT64C1E-CAV | 2050 | 2330 | 2650 | 3000 | 3390 | 3810 | 4260 | 4740 | 5250 | 5790 | 6350  | 6930  |
| M7KH-0060-CAA | RRT64C1E-CAA | 2070 | 2330 | 2640 | 3000 | 3390 | 3820 | 4280 | 4780 | 5300 | 5840 | 6390  | 6960  |
| M7KH-0064-CAA | RRT73C1E-CAA | 2250 | 2540 | 2880 | 3260 | 3670 | 4120 | 4590 | 5090 | 5610 | 6150 | 6710  | 7280  |
| M7KH-0064-CAV | RRT73C1E-CAV | 2160 | 2540 | 2930 | 3360 | 3800 | 4270 | 4760 | 5290 | 5840 | 6420 | 7030  | 7670  |
| M7ZH-0062-CFV | RRT81C1E-PFV |      |      | 2830 | 3230 | 3690 | 4210 | 4770 | 5350 | 5960 | 6570 | 7170  | 7770  |
| M7ZH-0062-CFA | RRT81C1E-PFA |      |      | 3030 | 3460 | 3920 | 4400 | 4900 | 5430 | 5970 | 6530 | 7090  | 7660  |
| M7ZH-H067-CFV | RRT81C1E-PFV |      | 2590 | 2910 | 3330 | 3810 | 4350 | 4920 | 5530 | 6140 | 6760 | 7370  | 7970  |
| M7ZH-H067-CFA | RRT81C1E-PFA |      | 2700 | 3100 | 3540 | 4010 | 4510 | 5030 | 5570 | 6130 | 6710 | 7290  | 7880  |
| M7KH-0075-CFA | RRT81C1E-PFA |      | 2840 | 3270 | 3750 | 4260 | 4810 | 5390 | 6010 | 6650 | 7320 | 8020  | 8730  |
| M7KH-0075-CFV | RRT81C1E-PFV |      | 2730 | 3100 | 3570 | 4120 | 4730 | 5380 | 6050 | 6740 | 7430 | 8110  | 8770  |
| M7ZH-0070-CFV | RRT10K1E-PFV |      |      |      | 4120 | 4600 | 5090 | 5580 | 6080 | 6580 | 7090 |       |       |
| M7ZH-0070-CFA | RRT10K1E-PFA |      |      | 3560 | 4040 | 4530 | 5050 | 5580 | 6120 | 6680 | 7230 |       |       |
| M7ZH-H076-CFV | RRT10K1E-PFV |      |      | 3730 | 4230 | 4730 | 5230 | 5740 | 6260 | 6780 | 7310 | 7860  |       |
| M7ZH-H076-CFA | RRT10K1E-PFA |      |      | 3650 | 4140 | 4650 | 5180 | 5730 | 6300 | 6870 | 7450 | 8030  |       |
| M7KH-0083-CFA | RRT81C1E-PFA | 2590 | 3020 | 3500 | 4020 | 4600 | 5220 | 5890 | 6610 | 7370 | 8170 | 9020  | 9900  |
| M7KH-0083-CFV | RRT81C1E-PFV | 2610 | 2920 | 3370 | 3920 | 4560 | 5260 | 6000 | 6770 | 7550 | 8310 | 9050  | 9730  |
| M7KH-0086-CFA | RRT10K1E-PFA |      | 3370 | 3870 | 4410 | 4980 | 5580 | 6210 | 6860 | 7540 | 8230 | 8940  | 9660  |
| M7KH-0086-CFV | RRT10K1E-PFV |      | 3430 | 3970 | 4520 | 5080 | 5650 | 6250 | 6860 | 7500 | 8160 | 8850  | 9560  |
| M7KH-0096-CFA | RRT10K1E-PFA | 3090 | 3600 | 4160 | 4770 | 5420 | 6120 | 6860 | 7630 | 8440 | 9290 | 10200 | 11100 |
| M7KH-0096-CFV | RRT10K1E-PFV | 3110 | 3690 | 4290 | 4900 | 5550 | 6230 | 6950 | 7710 | 8520 | 9380 | 10300 | 11300 |

Capacities rated at 40°F return gas, 5°F subcooling

# R-450A High Temp

# Copeland air-cooled condensing units

| Model         | Compressor   | -10 | -5   | 0    | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45    |
|---------------|--------------|-----|------|------|------|------|------|------|------|------|------|------|-------|
| 100° Ambient  |              |     |      |      |      |      |      |      |      |      |      |      |       |
| M7JH-0012-IAA | ARE13C4E-IAA |     |      | 484  | 558  | 640  | 728  | 824  | 928  | 1040 | 1160 | 1290 | 1430  |
| M7JH-H012-IAA | ARE13C4E-IAA |     |      | 505  | 584  | 671  | 766  | 869  | 982  | 1110 | 1240 | 1380 | 1540  |
| M7ZH-0013-IAA | ARE13C4E-IAA |     |      | 511  | 591  | 680  | 777  | 883  | 999  | 1130 | 1260 | 1410 | 1580  |
| M7JH-0014-IAA | ARE17C4E-IAA |     |      | 604  | 692  | 788  | 891  | 1000 | 1120 | 1250 | 1390 | 1540 | 1690  |
| M7JH-H015-IAA | ARE17C4E-IAA |     |      | 632  | 725  | 827  | 939  | 1060 | 1190 | 1330 | 1490 | 1650 | 1830  |
| M7ZH-0016-IAA | ARE17C4E-IAA |     |      | 639  | 735  | 839  | 953  | 1080 | 1210 | 1360 | 1520 | 1690 | 1870  |
| M7JH-0018-IAA | ARE25C4E-IAA |     |      | 827  | 938  | 1060 | 1190 | 1330 | 1490 | 1650 | 1830 | 2010 | 2210  |
| M7JH-H020-IAA | ARE25C4E-IAA |     |      | 871  | 994  | 1130 | 1280 | 1440 | 1610 | 1800 | 2000 | 2210 | 2440  |
| M7JH-0021-IAA | ARE29C4E-IAA |     |      | 1010 | 1120 | 1240 | 1380 | 1540 | 1700 | 1880 | 2060 | 2240 | 2440  |
| M7JH-H024-IAA | ARE29C4E-IAA |     |      | 1060 | 1180 | 1330 | 1490 | 1670 | 1860 | 2070 | 2300 | 2530 | 2770  |
| M7JH-0026-IAA | ARE35C5E-IAA |     |      | 1100 | 1250 | 1420 | 1600 | 1790 | 1990 | 2200 | 2430 |      |       |
| M7JH-H029-IAA | ARE35C5E-IAA |     |      | 1180 | 1340 | 1520 | 1720 | 1940 | 2170 | 2420 | 2690 | 2960 | 3260  |
| M7ZH-0031-IAA | ARE35C5E-IAA |     |      | 1200 | 1370 | 1560 | 1770 | 1990 | 2230 | 2500 | 2770 | 3070 | 3380  |
| M7JH-H038-IAA | ARE48C5E-IAA |     |      | 1590 | 1820 | 2050 | 2310 | 2570 | 2850 | 3140 | 3450 | 3770 | 4090  |
| M7JH-H038-IAV | ARE48C5E-IAV |     |      | 1590 | 1820 | 2050 | 2310 | 2570 | 2850 | 3140 | 3450 | 3770 | 4090  |
| M7ZH-0041-IAA | ARE48C5E-IAA |     |      | 1620 | 1860 | 2110 | 2380 | 2660 | 2960 | 3280 | 3620 | 3970 | 4340  |
| M7ZH-0041-IAV | ARE48C5E-IAV |     |      | 1620 | 1860 | 2110 | 2380 | 2660 | 2960 | 3280 | 3620 | 3970 | 4340  |
| M7JH-H042-IAA | ARE54C5E-IAA |     |      | 1750 | 2010 | 2280 | 2570 | 2860 | 3170 | 3490 | 3810 | 4150 |       |
| M7ZH-0045-IAA | ARE54C5E-IAA |     |      | 1800 | 2070 | 2360 | 2660 | 2980 | 3310 | 3660 | 4020 | 4400 | 4790  |
| M7ZH-0045-IAV | ARE54C5E-IAV |     |      | 1800 | 2070 | 2360 | 2660 | 2980 | 3310 | 3660 | 4020 | 4400 | 4790  |
| M7ZH-H046-IAA | RRT62C1E-IAA |     |      | 1930 | 2210 | 2500 | 2810 | 3130 | 3480 | 3840 | 4230 | 4630 | 5060  |
| M7ZH-H046-IAV | RRT62C1E-IAV |     |      | 1960 | 2210 | 2500 | 2810 | 3140 | 3490 | 3860 | 4250 | 4650 | 5050  |
| M7ZH-0051-IAV | RRT64C1E-IAV |     |      |      | 2500 | 2820 | 3160 | 3520 | 3910 | 4310 | 4730 | 5170 | 5610  |
| M7ZH-0051-IAA | RRT64C1E-IAA |     |      |      | 2590 | 2930 | 3290 | 3660 | 4040 | 4430 | 4820 | 5210 | 5600  |
| M7ZH-H055-CAV | RRT64C1E-CAV |     |      | 2270 | 2590 | 2930 | 3300 | 3700 | 4120 | 4560 | 5020 | 5490 | 5990  |
| M7ZH-H055-CAA | RRT64C1E-CAA |     |      | 2350 | 2670 | 3020 | 3390 | 3780 | 4180 | 4600 | 5020 | 5440 | 5850  |
| M7GH-H057-CAV | RRT64C1E-CAV |     |      | 2370 | 2700 | 3070 | 3460 | 3890 | 4340 | 4820 | 5320 | 5840 | 6380  |
| M7KH-0060-CAV | RRT64C1E-CAV |     |      | 2380 | 2720 | 3090 | 3490 | 3920 | 4380 | 4860 | 5370 | 5900 | 6460  |
| M7GH-H057-CAA | RRT64C1E-CAA |     |      | 2430 | 2770 | 3140 | 3540 | 3970 | 4420 | 4890 | 5370 | 5860 | 6360  |
| M7KH-0060-CAA | RRT64C1E-CAA |     |      | 2440 | 2780 | 3160 | 3560 | 4000 | 4450 | 4930 | 5430 | 5930 | 6450  |
| M7KH-0064-CAA | RRT73C1E-CAA |     |      | 2690 | 3040 | 3420 | 3840 | 4280 | 4750 | 5240 | 5750 | 6280 | 6820  |
| M7ZH-0062-CFV | RRT81C1E-PFV |     |      |      | 2860 | 3280 | 3760 | 4290 | 4850 | 5430 | 6030 |      |       |
| M7KH-0064-CAV | RRT73C1E-CAV |     |      | 2640 | 3050 | 3470 | 3920 | 4390 | 4880 | 5400 | 5950 | 6520 | 7120  |
| M7ZH-0062-CFA | RRT81C1E-PFA |     |      |      | 3140 | 3570 | 4030 | 4500 | 4990 | 5500 | 6020 |      |       |
| M7ZH-H067-CFV | RRT81C1E-PFV |     |      |      | 2940 | 3380 | 3880 | 4430 | 5000 | 5600 | 6210 |      |       |
| M7ZH-H067-CFA | RRT81C1E-PFA |     |      |      | 3220 | 3660 | 4130 | 4620 | 5130 | 5650 | 6190 |      |       |
| M7KH-0075-CFV | RRT81C1E-PFV |     |      | 2750 | 3160 | 3660 | 4230 | 4850 | 5500 | 6180 | 6860 | 7540 | 8200  |
| M7KH-0075-CFA | RRT81C1E-PFA |     |      | 2960 | 3420 | 3900 | 4420 | 4980 | 5560 | 6160 | 6790 | 7440 | 8110  |
| M7ZH-0070-CFV | RRT10K1E-PFV |     |      |      |      | 4210 | 4660 | 5120 | 5570 |      |      |      |       |
| M7ZH-0070-CFA | RRT10K1E-PFA |     |      |      |      | 4140 | 4620 | 5110 | 5620 |      |      |      |       |
| M7ZH-H076-CFV | RRT10K1E-PFV |     |      |      |      | 4330 | 4800 | 5270 | 5740 | 6220 |      |      |       |
| M7ZH-H076-CFA | RRT10K1E-PFA |     |      |      |      | 4250 | 4750 | 5260 | 5790 | 6320 |      |      |       |
| M7KH-0083-CFA | RRT81C1E-PFA |     | 2710 | 3170 | 3670 | 4220 | 4810 | 5450 | 6120 | 6850 | 7610 | 8410 | 9240  |
| M7KH-0083-CFV | RRT81C1E-PFV |     | 2600 | 2970 | 3460 | 4050 | 4720 | 5440 | 6200 | 6980 | 7750 | 8510 | 9230  |
| M7KH-0086-CFV | RRT10K1E-PFV |     |      |      | 4140 | 4670 | 5210 | 5760 | 6330 | 6910 | 7520 | 8160 | 8810  |
| M7KH-0086-CFA | RRT10K1E-PFA |     |      | 3540 | 4040 | 4580 | 5150 | 5740 | 6360 | 7000 | 7650 | 8320 | 9000  |
| M7KH-0096-CFA | RRT10K1E-PFA |     | 3280 | 3810 | 4390 | 5010 | 5670 | 6370 | 7100 | 7880 | 8680 | 9520 | 10400 |
| M7KH-0096-CFV | RRT10K1E-PFV |     | 3350 | 3920 | 4510 | 5120 | 5760 | 6430 | 7130 | 7880 | 8680 | 9530 | 10400 |

Capacities rated at 40°F return gas, 5°F subcooling

# R-450A High Temp

# Copeland air-cooled condensing units

| Model         | Compressor   | -10 | -5 | 0    | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   |
|---------------|--------------|-----|----|------|------|------|------|------|------|------|------|------|------|
| 110° Ambient  |              |     |    |      |      |      |      |      |      |      |      |      |      |
| M7JH-0012-IAA | ARE13C4E-IAA |     |    |      | 508  | 583  | 663  | 750  | 845  | 947  | 1060 | 1180 | 1300 |
| M7JH-H012-IAA | ARE13C4E-IAA |     |    | 457  | 531  | 611  | 698  | 794  | 899  | 1010 | 1140 | 1270 | 1420 |
| M7ZH-0013-IAA | ARE13C4E-IAA |     |    | 466  | 541  | 623  | 712  | 811  | 918  | 1040 | 1160 | 1300 | 1450 |
| M7JH-0014-IAA | ARE17C4E-IAA |     |    |      | 633  | 722  | 817  | 921  | 1030 | 1150 | 1280 | 1420 | 1560 |
| M7JH-H015-IAA | ARE17C4E-IAA |     |    | 577  | 664  | 760  | 864  | 977  | 1100 | 1230 | 1380 | 1530 | 1700 |
| M7ZH-0016-IAA | ARE17C4E-IAA |     |    | 588  | 677  | 775  | 881  | 998  | 1120 | 1260 | 1410 | 1570 | 1740 |
| M7JH-0018-IAA | ARE25C4E-IAA |     |    |      |      | 960  | 1080 | 1210 | 1340 | 1490 | 1660 | 1830 |      |
| M7JH-H020-IAA | ARE25C4E-IAA |     |    | 797  | 909  | 1030 | 1170 | 1320 | 1480 | 1650 | 1840 | 2050 | 2270 |
| M7JH-0021-IAA | ARE29C4E-IAA |     |    |      |      |      |      | 1400 | 1550 | 1700 |      |      |      |
| M7JH-H024-IAA | ARE29C4E-IAA |     |    |      | 1090 | 1220 | 1370 | 1540 | 1710 | 1900 | 2110 | 2320 | 2540 |
| M7JH-H029-IAA | ARE35C5E-IAA |     |    |      | 1240 | 1410 | 1600 | 1800 | 2020 | 2260 | 2510 | 2770 | 3050 |
| M7ZH-0031-IAA | ARE35C5E-IAA |     |    | 1110 | 1270 | 1450 | 1640 | 1850 | 2080 | 2330 | 2590 | 2870 | 3170 |
| M7JH-H038-IAA | ARE48C5E-IAA |     |    |      |      |      | 2150 | 2390 | 2640 | 2910 |      |      |      |
| M7JH-H038-IAV | ARE48C5E-IAV |     |    |      |      |      | 2150 | 2390 | 2640 | 2910 |      |      |      |
| M7ZH-0041-IAA | ARE48C5E-IAA |     |    |      | 1740 | 1970 | 2220 | 2480 | 2750 | 3050 | 3350 | 3680 | 4010 |
| M7ZH-0041-IAV | ARE48C5E-IAV |     |    |      | 1740 | 1970 | 2220 | 2480 | 2750 | 3050 | 3350 | 3680 | 4010 |
| M7JH-H042-IAA | ARE54C5E-IAA |     |    |      |      |      |      |      | 2930 |      |      |      |      |
| M7ZH-0045-IAA | ARE54C5E-IAA |     |    |      | 2190 | 2480 | 2770 | 3080 | 3400 | 3730 |      |      |      |
| M7ZH-0045-IAV | ARE54C5E-IAV |     |    |      | 2190 | 2480 | 2770 | 3080 | 3400 | 3730 |      |      |      |
| M7ZH-H046-IAA | RRT62C1E-IAA |     |    |      | 2280 | 2570 | 2870 | 3180 | 3520 | 3880 | 4270 |      |      |
| M7ZH-H046-IAV | RRT62C1E-IAV |     |    |      | 2290 | 2580 | 2880 | 3210 | 3560 | 3910 | 4280 |      |      |
| M7ZH-0051-IAV | RRT64C1E-IAV |     |    |      | 2570 | 2890 | 3230 | 3590 | 3970 |      |      |      |      |
| M7ZH-0051-IAA | RRT64C1E-IAA |     |    |      | 2650 | 2980 | 3320 | 3670 |      |      |      |      |      |
| M7ZH-H055-CAA | RRT64C1E-CAA |     |    |      | 2740 | 3090 | 3440 | 3810 | 4180 | 4560 |      |      |      |
| M7ZH-H055-CAV | RRT64C1E-CAV |     |    |      | 2690 | 3050 | 3430 | 3840 | 4260 | 4710 |      |      |      |
| M7GH-H057-CAV | RRT64C1E-CAV |     |    |      | 2450 | 2800 | 3180 | 3580 | 4010 | 4470 | 4940 | 5440 | 5960 |
| M7KH-0060-CAV | RRT64C1E-CAV |     |    |      | 2470 | 2820 | 3200 | 3610 | 4040 | 4500 | 4990 | 5490 | 6020 |
| M7GH-H057-CAA | RRT64C1E-CAA |     |    |      | 2530 | 2880 | 3250 | 3640 | 4060 | 4480 | 4920 | 5360 | 5810 |
| M7KH-0060-CAA | RRT64C1E-CAA |     |    |      | 2540 | 2900 | 3270 | 3670 | 4090 | 4530 | 4980 | 5430 | 5900 |
| M7KH-0064-CAA | RRT73C1E-CAA |     |    |      | 2790 | 3160 | 3550 | 3970 | 4420 | 4890 | 5380 | 5890 | 6420 |
| M7KH-0064-CAV | RRT73C1E-CAV |     |    |      | 2770 | 3170 | 3590 | 4030 | 4490 | 4970 | 5480 | 6010 | 6570 |
| M7ZH-H067-CFV | RRT81C1E-PFV |     |    |      | 2990 | 3440 | 3960 | 4510 |      |      |      |      |      |
| M7ZH-H067-CFA | RRT81C1E-PFA |     |    |      | 3330 | 3760 | 4220 | 4690 |      |      |      |      |      |
| M7KH-0075-CFV | RRT81C1E-PFV |     |    | 2780 | 3220 | 3740 | 4330 | 4950 | 5610 | 6280 | 6950 |      |      |
| M7KH-0075-CFA | RRT81C1E-PFA |     |    |      | 3550 | 4030 | 4550 | 5090 | 5660 | 6250 | 6860 |      |      |
| M7KH-0083-CFV | RRT81C1E-PFV |     |    | 3030 | 3560 | 4180 | 4860 | 5600 | 6360 | 7130 | 7890 | 8630 |      |
| M7KH-0083-CFA | RRT81C1E-PFA |     |    | 3320 | 3840 | 4390 | 4990 | 5630 | 6310 | 7020 | 7780 | 8560 |      |
| M7KH-0086-CFV | RRT10K1E-PFV |     |    |      | 4250 | 4750 | 5260 | 5780 | 6320 | 6880 |      |      |      |
| M7KH-0086-CFA | RRT10K1E-PFA |     |    |      | 4160 | 4690 | 5250 | 5830 | 6430 |      |      |      |      |
| M7KH-0096-CFV | RRT10K1E-PFV |     |    | 4110 | 4680 | 5270 | 5890 | 6540 | 7230 | 7960 | 8730 | 9560 |      |
| M7KH-0096-CFA | RRT10K1E-PFA |     |    | 3990 | 4570 | 5200 | 5860 | 6550 | 7290 | 8050 | 8840 | 9660 |      |
| M7ZH-0062-CFA | RRT81C1E-PFA |     |    |      |      |      | 3670 | 4110 |      |      |      |      |      |
| M7ZH-0062-CFV | RRT81C1E-PFV |     |    |      | 2900 | 3340 | 3840 |      |      |      |      |      |      |
| M7ZH-H076-CFA | RRT10K1E-PFA |     |    |      |      |      | 4310 |      |      |      |      |      |      |
| M7ZH-H076-CFV | RRT10K1E-PFV |     |    |      |      |      | 4370 |      |      |      |      |      |      |

Capacities rated at 40°F return gas, 5°F subcooling

# R-513A High Temp

# Copeland air-cooled condensing units

| Model         | Compressor   | -25         | -20         | -15         | -10         | -5          | 0           | 5           | 10          | 15          | 20          | 25          | 30          |
|---------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 90° Ambient   |              |             |             |             |             |             |             |             |             |             |             |             |             |
| M7JM-0019-IAA | AFE05C4E-IAA | 478         | 576         | 681         | 795         | 918         | 1050        | 1200        | 1350        | 1520        | 1710        |             |             |
| M7JM-H020-IAA | AFE05C4E-IAA | 504         | 609         | 723         | 845         | 978         | 1120        | 1280        | 1450        | 1630        | 1830        |             |             |
| M7JP-0020-IAA | AFF07C1E-IAA | <b>577</b>  | <b>668</b>  | <b>767</b>  | <b>874</b>  | <b>990</b>  | <b>1110</b> | <b>1250</b> | <b>1390</b> | <b>1540</b> | <b>1690</b> | <b>1860</b> |             |
| M7ZP-0021-IAA | AFE05C4E-IAA | <b>551</b>  | <b>662</b>  | <b>781</b>  | <b>911</b>  | <b>1050</b> | <b>1200</b> | <b>1370</b> | <b>1550</b> | <b>1750</b> | <b>1960</b> |             |             |
| M7JP-0029-IAA | AFF10C1E-IAA | <b>864</b>  | <b>1000</b> | <b>1150</b> | <b>1310</b> | <b>1480</b> | <b>1660</b> | <b>1850</b> | <b>2050</b> | <b>2250</b> | <b>2460</b> | <b>2680</b> |             |
| M7JP-0031-IAA | AFF13C1E-IAA | <b>994</b>  | <b>1150</b> | <b>1320</b> | <b>1500</b> | <b>1690</b> | <b>1890</b> | <b>2100</b> | <b>2310</b> | <b>2530</b> | <b>2760</b> | <b>3000</b> |             |
| M7JL-0034-IAA | AFE12C4E-IAA | 1010        | 1170        | 1350        | 1550        | 1760        | 1990        | 2220        | 2450        | 2680        | 2900        |             |             |
| M7JM-H036-IAA | AFE12C4E-IAA | 1080        | 1260        | 1470        | 1700        | 1950        | 2220        | 2520        | 2820        | 3140        | 3460        |             |             |
| M7ZP-0041-IAA | AFE12C4E-IAA | 1110        | 1290        | 1510        | 1750        | 2010        | 2300        | 2610        | 2940        | 3290        | 3650        |             |             |
| M7ZM-0043-IAA | AFE13C5E-IAA | 1130        | 1320        | 1550        | 1800        | 2080        | 2370        | 2690        | 3030        | 3380        | 3740        |             |             |
| M7ZP-H062-CFA | RFT18C1E-PFA | <b>1740</b> | <b>2150</b> | <b>2560</b> | <b>2970</b> | <b>3400</b> | <b>3840</b> | <b>4290</b> | <b>4750</b> | <b>5210</b> | <b>5690</b> | <b>6180</b> | <b>6670</b> |
| M7GP-H066-CFA | RFT18C1E-PFA | <b>1810</b> | <b>2230</b> | <b>2660</b> | <b>3100</b> | <b>3560</b> | <b>4030</b> | <b>4510</b> | <b>5010</b> | <b>5530</b> | <b>6050</b> | <b>6590</b> | <b>7150</b> |
| 100° Ambient  |              |             |             |             |             |             |             |             |             |             |             |             |             |
| M7JM-0019-IAA | AFE05C4E-IAA | 425         | 513         | 610         | 715         | 830         | 957         | 1090        | 1240        | 1410        | 1580        |             |             |
| M7JM-H020-IAA | AFE05C4E-IAA | 450         | 546         | 651         | 766         | 891         | 1030        | 1180        | 1340        | 1520        | 1720        |             |             |
| M7JP-0020-IAA | AFF07C1E-IAA | <b>533</b>  | <b>618</b>  | <b>711</b>  | <b>811</b>  | <b>919</b>  | <b>1030</b> | <b>1160</b> | <b>1290</b> | <b>1430</b> | <b>1570</b> | <b>1720</b> |             |
| M7ZP-0021-IAA | AFE05C4E-IAA | <b>498</b>  | <b>601</b>  | <b>712</b>  | <b>835</b>  | <b>968</b>  | <b>1110</b> | <b>1280</b> | <b>1450</b> | <b>1640</b> | <b>1850</b> |             |             |
| M7JP-0029-IAA | AFF10C1E-IAA | <b>787</b>  | <b>917</b>  | <b>1060</b> | <b>1200</b> | <b>1360</b> | <b>1530</b> | <b>1700</b> | <b>1880</b> | <b>2070</b> | <b>2270</b> | <b>2470</b> |             |
| M7JP-0031-IAA | AFF13C1E-IAA | <b>903</b>  | <b>1050</b> | <b>1210</b> | <b>1370</b> | <b>1550</b> | <b>1730</b> | <b>1920</b> | <b>2120</b> | <b>2320</b> |             |             |             |
| M7JL-0034-IAA | AFE12C4E-IAA | 934         | 1080        | 1240        | 1410        | 1610        | 1800        | 2010        | 2210        |             |             |             |             |
| M7JM-H036-IAA | AFE12C4E-IAA | 997         | 1160        | 1350        | 1560        | 1800        | 2050        | 2320        | 2600        | 2890        | 3180        |             |             |
| M7ZP-0041-IAA | AFE12C4E-IAA | 1020        | 1190        | 1390        | 1610        | 1860        | 2130        | 2420        | 2730        | 3040        | 3370        |             |             |
| M7ZM-0043-IAA | AFE13C5E-IAA | 1030        | 1220        | 1430        | 1660        | 1920        | 2190        | 2490        | 2800        | 3130        | 3470        |             |             |
| M7ZP-H062-CFA | RFT18C1E-PFA | <b>1480</b> | <b>1880</b> | <b>2280</b> | <b>2680</b> | <b>3100</b> | <b>3520</b> | <b>3960</b> | <b>4400</b> | <b>4850</b> | <b>5320</b> | <b>5790</b> | <b>6280</b> |
| M7GP-H066-CFA | RFT18C1E-PFA | <b>1560</b> | <b>1970</b> | <b>2390</b> | <b>2820</b> | <b>3260</b> | <b>3710</b> | <b>4180</b> | <b>4660</b> | <b>5140</b> | <b>5650</b> | <b>6160</b> | <b>6700</b> |
| 110° Ambient  |              |             |             |             |             |             |             |             |             |             |             |             |             |
| M7JM-0019-IAA | AFE05C4E-IAA | 368         | 447         | 534         | 630         | 737         | 855         | 985         | 1130        | 1280        | 1450        |             |             |
| M7JM-H020-IAA | AFE05C4E-IAA | 391         | 477         | 573         | 679         | 797         | 927         | 1070        | 1230        | 1400        | 1590        |             |             |
| M7JP-0020-IAA | AFF07C1E-IAA |             | <b>565</b>  | <b>651</b>  | <b>744</b>  | <b>843</b>  | <b>950</b>  | <b>1060</b> | <b>1180</b> | <b>1310</b> | <b>1450</b> | <b>1590</b> |             |
| M7ZP-0021-IAA | AFE05C4E-IAA | <b>444</b>  | <b>538</b>  | <b>641</b>  | <b>755</b>  | <b>881</b>  | <b>1020</b> | <b>1170</b> | <b>1340</b> | <b>1530</b> | <b>1730</b> |             |             |
| M7JP-0029-IAA | AFF10C1E-IAA |             |             | <b>951</b>  | <b>1090</b> | <b>1230</b> | <b>1380</b> | <b>1540</b> | <b>1710</b> |             |             |             |             |
| M7JP-0031-IAA | AFF13C1E-IAA |             |             | <b>1080</b> | <b>1230</b> | <b>1390</b> | <b>1560</b> | <b>1740</b> |             |             |             |             |             |
| M7JL-0034-IAA | AFE12C4E-IAA |             |             | 1120        | 1270        | 1440        |             |             |             |             |             |             |             |
| M7JM-H036-IAA | AFE12C4E-IAA |             | 1060        | 1230        | 1420        | 1640        | 1860        | 2100        | 2360        | 2610        | 2880        |             |             |
| M7ZP-0041-IAA | AFE12C4E-IAA | 940         | 1090        | 1270        | 1480        | 1700        | 1950        | 2210        | 2490        | 2780        | 3080        |             |             |
| M7ZM-0043-IAA | AFE13C5E-IAA | 934         | 1110        | 1300        | 1520        | 1760        | 2020        | 2290        | 2580        | 2880        | 3190        |             |             |
| M7ZP-H062-CFA | RFT18C1E-PFA |             |             |             | <b>2370</b> | <b>2780</b> | <b>3210</b> | <b>3640</b> | <b>4080</b> | <b>4530</b> |             |             |             |
| M7GP-H066-CFA | RFT18C1E-PFA |             |             | <b>2080</b> | <b>2510</b> | <b>2940</b> | <b>3390</b> | <b>3840</b> | <b>4310</b> | <b>4780</b> | <b>5270</b> | <b>5770</b> | <b>6290</b> |

Capacities rated at 40°F return gas (65°F return gas for capacities in **bold**), 5°F subcooling

| Model         | Compressor   | -10  | -5   | 0    | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40    | 45    |
|---------------|--------------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| 90° Ambient   |              |      |      |      |      |      |      |      |      |      |      |       |       |
| M7JH-0012-IAA | ARE13C4E-IAA |      |      | 669  | 760  | 858  | 963  | 1080 | 1200 | 1330 | 1470 | 1620  | 1770  |
| M7JH-H012-IAA | ARE13C4E-IAA |      |      | 701  | 799  | 905  | 1020 | 1150 | 1280 | 1430 | 1590 | 1760  | 1950  |
| M7ZH-0013-IAA | ARE13C4E-IAA |      |      | 710  | 810  | 920  | 1040 | 1170 | 1310 | 1470 | 1630 | 1810  | 2010  |
| M7JH-0014-IAA | ARE17C4E-IAA |      |      | 829  | 934  | 1050 | 1170 | 1300 | 1430 | 1580 | 1730 | 1900  | 2070  |
| M7JH-H015-IAA | ARE17C4E-IAA |      |      | 869  | 984  | 1110 | 1240 | 1390 | 1540 | 1710 | 1890 | 2080  | 2280  |
| M7ZH-0016-IAA | ARE17C4E-IAA |      |      | 880  | 999  | 1130 | 1270 | 1420 | 1580 | 1750 | 1940 | 2140  | 2360  |
| M7JH-0018-IAA | ARE25C4E-IAA |      |      | 1130 | 1260 | 1400 | 1550 | 1710 | 1890 | 2070 | 2260 | 2460  | 2670  |
| M7JH-H020-IAA | ARE25C4E-IAA |      |      | 1190 | 1350 | 1510 | 1680 | 1870 | 2070 | 2290 | 2510 | 2760  | 3020  |
| M7JH-0021-IAA | ARE29C4E-IAA |      |      | 1350 | 1480 | 1630 | 1790 | 1960 | 2140 | 2330 | 2530 | 2730  | 2940  |
| M7JH-H024-IAA | ARE29C4E-IAA |      |      | 1440 | 1600 | 1770 | 1960 | 2170 | 2400 | 2640 | 2890 | 3160  | 3430  |
| M7JH-0026-IAA | ARE35C5E-IAA |      |      | 1450 | 1640 | 1840 | 2060 | 2280 | 2500 | 2730 | 2950 | 3170  | 3380  |
| M7JH-H029-IAA | ARE35C5E-IAA |      |      | 1560 | 1770 | 2010 | 2260 | 2530 | 2810 | 3100 | 3400 | 3710  | 4020  |
| M7ZH-0031-IAA | ARE35C5E-IAA |      |      | 1600 | 1820 | 2060 | 2330 | 2610 | 2910 | 3230 | 3550 | 3890  | 4230  |
| M7JH-H034-IAV | ARE42C5E-IAV |      |      | 1780 | 2010 | 2260 | 2520 | 2800 | 3090 | 3390 |      |       |       |
| M7ZH-0037-IAV | ARE42C5E-IAV |      |      | 1830 | 2070 | 2340 | 2620 | 2920 | 3240 | 3570 |      |       |       |
| M7JH-H038-IAA | ARE48C5E-IAA |      |      | 2140 | 2380 | 2650 | 2940 | 3250 | 3570 | 3910 | 4250 | 4590  | 4940  |
| M7JH-H038-IAV | ARE48C5E-IAV |      |      | 2140 | 2380 | 2650 | 2940 | 3250 | 3570 | 3910 | 4250 | 4590  | 4940  |
| M7ZH-0041-IAA | ARE48C5E-IAA |      |      | 2200 | 2450 | 2740 | 3060 | 3390 | 3750 | 4120 | 4510 | 4900  | 5300  |
| M7ZH-0041-IAV | ARE48C5E-IAV |      |      | 2200 | 2450 | 2740 | 3060 | 3390 | 3750 | 4120 | 4510 | 4900  | 5300  |
| M7JH-H042-IAA | ARE54C5E-IAA |      |      | 2300 | 2630 | 2970 | 3320 | 3670 | 4020 | 4370 | 4710 | 5030  | 5340  |
| M7JH-H042-IAV | ARE54C5E-IAV |      |      | 2300 | 2630 | 2970 | 3320 | 3670 | 4020 | 4370 | 4710 | 5030  | 5340  |
| M7ZH-0045-IAA | ARE54C5E-IAA |      |      | 2380 | 2730 | 3090 | 3470 | 3850 | 4250 | 4650 | 5050 | 5450  | 5840  |
| M7ZH-0045-IAV | ARE54C5E-IAV |      |      | 2380 | 2730 | 3090 | 3470 | 3850 | 4250 | 4650 | 5050 | 5450  | 5840  |
| M7ZH-H046-IAA | RRT62C1E-IAA |      | 2290 | 2570 | 2880 | 3230 | 3610 | 4020 | 4440 | 4870 | 5310 | 5750  | 6190  |
| M7ZH-H046-IAV | RRT62C1E-IAV |      | 2290 | 2570 | 2880 | 3230 | 3610 | 4020 | 4440 | 4870 | 5310 | 5750  | 6190  |
| M7ZH-0051-IAV | RRT64C1E-IAV |      |      | 2900 | 3250 | 3630 | 4030 | 4460 | 4900 | 5360 | 5830 | 6290  | 6760  |
| M7ZH-0051-IAA | RRT64C1E-IAA |      | 2560 | 2910 | 3300 | 3710 | 4140 | 4580 | 5020 | 5470 | 5920 | 6350  | 6770  |
| M7ZH-H055-CAA | RRT64C1E-CAA |      | 2690 | 3030 | 3400 | 3800 | 4230 | 4690 | 5160 | 5650 | 6150 | 6650  | 7150  |
| M7ZH-0055-CAV | RRT64C1E-CAV |      | 2690 | 3030 | 3400 | 3800 | 4230 | 4690 | 5160 | 5650 | 6150 | 6650  | 7150  |
| M7GH-H057-CAA | RRT64C1E-CAA | 2330 | 2630 | 2980 | 3370 | 3790 | 4250 | 4740 | 5250 | 5780 |      |       |       |
| M7GH-H057-CAV | RRT64C1E-CAV | 2330 | 2630 | 2980 | 3370 | 3790 | 4250 | 4740 | 5250 | 5780 |      |       |       |
| M7KH-0060-CAA | RRT64C1E-CAA | 2470 | 2800 | 3160 | 3570 | 4020 | 4500 | 5010 | 5550 | 6120 | 6700 | 7300  | 7910  |
| M7KH-0060-CAV | RRT64C1E-CAV | 2470 | 2800 | 3160 | 3570 | 4020 | 4500 | 5010 | 5550 | 6120 | 6700 | 7300  | 7910  |
| M7ZH-0062-CFA | RRT81C1E-PFA |      |      | 3200 | 3610 | 4110 | 4680 | 5310 | 5980 | 6680 | 7380 | 8090  |       |
| M7ZH-0062-CFV | RRT81C1E-PFV |      |      | 3200 | 3610 | 4110 | 4680 | 5310 | 5980 | 6680 | 7380 | 8090  |       |
| M7KH-0064-CAA | RRT73C1E-CAA |      | 3040 | 3510 | 3990 | 4500 | 5040 | 5590 | 6170 | 6780 | 7400 | 8050  | 8710  |
| M7KH-0064-CAV | RRT73C1E-CAV |      | 3040 | 3510 | 3990 | 4500 | 5040 | 5590 | 6170 | 6780 | 7400 | 8050  | 8710  |
| M7ZH-H067-CFA | RRT81C1E-PFA |      | 3000 | 3300 | 3730 | 4250 | 4850 | 5500 | 6180 | 6880 | 7600 | 8310  |       |
| M7ZH-H067-CFV | RRT81C1E-PFV |      | 3000 | 3300 | 3730 | 4250 | 4850 | 5500 | 6180 | 6880 | 7600 | 8310  |       |
| M7ZH-0070-CFA | RRT10K1E-PFA |      |      |      | 4610 | 5130 | 5670 | 6230 | 6790 | 7360 |      |       |       |
| M7ZH-0070-CFV | RRT10K1E-PFV |      |      |      | 4610 | 5130 | 5670 | 6230 | 6790 | 7360 |      |       |       |
| M7KH-0075-CFA | RRT81C1E-PFA |      | 3180 | 3550 | 4050 | 4660 | 5340 | 6080 | 6850 | 7650 | 8450 | 9240  | 9990  |
| M7KH-0075-CFV | RRT81C1E-PFV |      | 3180 | 3550 | 4050 | 4660 | 5340 | 6080 | 6850 | 7650 | 8450 | 9240  | 9990  |
| M7ZH-H076-CFA | RRT10K1E-PFA |      |      | 4220 | 4740 | 5280 | 5840 | 6410 | 6990 | 7580 | 8180 |       |       |
| M7ZH-H076-CFV | RRT10K1E-PFV |      |      | 4220 | 4740 | 5280 | 5840 | 6410 | 6990 | 7580 | 8180 |       |       |
| M7KH-0083-CFA | RRT81C1E-PFA | 3020 | 3280 | 3730 | 4330 | 5040 | 5840 | 6690 | 7570 | 8450 |      |       |       |
| M7KH-0083-CFV | RRT81C1E-PFV | 3020 | 3280 | 3730 | 4330 | 5040 | 5840 | 6690 | 7570 | 8450 |      |       |       |
| M7KH-0086-CFA | RRT10K1E-PFA |      | 3980 | 4520 | 5110 | 5730 | 6370 | 7050 | 7760 | 8490 | 9240 | 10000 | 10800 |
| M7KH-0086-CFV | RRT10K1E-PFV |      | 3980 | 4520 | 5110 | 5730 | 6370 | 7050 | 7760 | 8490 | 9240 | 10000 | 10800 |
| M7KH-0096-CFA | RRT10K1E-PFA | 3590 | 4150 | 4760 | 5420 | 6130 | 6890 | 7700 | 8570 | 9480 |      |       |       |
| M7KH-0096-CFV | RRT10K1E-PFV | 3590 | 4150 | 4760 | 5420 | 6130 | 6890 | 7700 | 8570 | 9480 |      |       |       |

Capacities rated at 40°F return gas (65°F return gas for capacities in **bold**), 5°F subcooling

| Model         | Compressor   | -10 | -5   | 0    | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   |
|---------------|--------------|-----|------|------|------|------|------|------|------|------|------|------|------|
| 100° Ambient  |              |     |      |      |      |      |      |      |      |      |      |      |      |
| M7JH-0012-IAA | ARE13C4E-IAA |     |      | 612  | 695  | 784  | 880  | 983  | 1090 | 1210 | 1340 | 1470 | 1620 |
| M7ZH-H012-IAA | ARE13C4E-IAA |     |      | 646  | 736  | 834  | 940  | 1060 | 1180 | 1310 | 1460 | 1620 | 1790 |
| M7ZH-0013-IAA | ARE13C4E-IAA |     |      | 657  | 749  | 850  | 960  | 1080 | 1210 | 1350 | 1500 | 1670 | 1850 |
| M7JH-0014-IAA | ARE17C4E-IAA |     |      | 761  | 858  | 962  | 1070 | 1190 | 1320 | 1450 | 1600 | 1750 | 1910 |
| M7JH-H015-IAA | ARE17C4E-IAA |     |      | 806  | 912  | 1030 | 1150 | 1280 | 1430 | 1580 | 1750 | 1920 | 2110 |
| M7ZH-0016-IAA | ARE17C4E-IAA |     |      | 821  | 930  | 1050 | 1180 | 1320 | 1470 | 1630 | 1800 | 1990 | 2190 |
| M7JH-0018-IAA | ARE25C4E-IAA |     |      | 1030 | 1150 | 1280 | 1420 | 1560 | 1720 | 1890 | 2060 | 2250 | 2450 |
| M7JH-H020-IAA | ARE25C4E-IAA |     |      | 1110 | 1240 | 1390 | 1550 | 1730 | 1910 | 2110 | 2330 | 2560 | 2800 |
| M7JH-0021-IAA | ARE29C4E-IAA |     |      |      | 1370 | 1500 | 1640 | 1790 | 1960 | 2130 | 2310 | 2500 |      |
| M7JH-H024-IAA | ARE29C4E-IAA |     |      | 1340 | 1480 | 1630 | 1810 | 2000 | 2200 | 2420 | 2650 | 2890 | 3140 |
| M7JH-0026-IAA | ARE35C5E-IAA |     |      |      |      | 1690 | 1890 | 2080 | 2280 | 2480 |      |      |      |
| M7JH-H029-IAA | ARE35C5E-IAA |     |      | 1440 | 1640 | 1860 | 2100 | 2340 | 2600 | 2870 | 3140 | 3420 | 3700 |
| M7ZH-0031-IAA | ARE35C5E-IAA |     |      | 1480 | 1690 | 1920 | 2170 | 2430 | 2710 | 3000 | 3300 | 3610 | 3920 |
| M7JH-H034-IAV | ARE42C5E-IAV |     |      | 1620 | 1840 | 2070 | 2320 | 2580 | 2840 | 3120 |      |      |      |
| M7ZH-0037-IAV | ARE42C5E-IAV |     |      | 1680 | 1910 | 2150 | 2420 | 2700 | 2990 | 3290 |      |      |      |
| M7JH-H038-IAA | ARE48C5E-IAA |     |      | 2050 | 2250 | 2490 | 2740 | 3020 | 3310 | 3610 | 3910 | 4210 |      |
| M7JH-H038-IAV | ARE48C5E-IAV |     |      | 2050 | 2250 | 2490 | 2740 | 3020 | 3310 | 3610 | 3910 | 4210 |      |
| M7ZH-0041-IAA | ARE48C5E-IAA |     |      | 2080 | 2310 | 2570 | 2850 | 3160 | 3480 | 3820 | 4170 | 4530 | 4880 |
| M7ZH-0041-IAV | ARE48C5E-IAV |     |      | 2080 | 2310 | 2570 | 2850 | 3160 | 3480 | 3820 | 4170 | 4530 | 4880 |
| M7JH-H042-IAA | ARE54C5E-IAA |     |      | 2140 | 2440 | 2750 | 3070 | 3380 | 3690 | 3990 | 4280 |      |      |
| M7JH-H042-IAV | ARE54C5E-IAV |     |      | 2140 | 2440 | 2750 | 3070 | 3380 | 3690 | 3990 | 4280 |      |      |
| M7ZH-0045-IAA | ARE54C5E-IAA |     |      | 2210 | 2540 | 2870 | 3220 | 3580 | 3930 | 4290 | 4640 | 4990 | 5320 |
| M7ZH-0045-IAV | ARE54C5E-IAV |     |      | 2210 | 2540 | 2870 | 3220 | 3580 | 3930 | 4290 | 4640 | 4990 | 5320 |
| M7ZH-H046-IAA | RRT62C1E-IAA |     |      | 2370 | 2660 | 2970 | 3320 | 3690 | 4070 | 4470 | 4870 | 5270 | 5670 |
| M7ZH-H046-IAV | RRT62C1E-IAV |     |      | 2370 | 2660 | 2970 | 3320 | 3690 | 4070 | 4470 | 4870 | 5270 | 5670 |
| M7ZH-0051-IAV | RRT64C1E-IAV |     |      |      | 2980 | 3330 | 3700 | 4090 | 4500 | 4920 | 5350 | 5770 |      |
| M7ZH-0051-IAA | RRT64C1E-IAA |     |      |      | 2980 | 3360 | 3750 | 4140 | 4530 | 4920 | 5290 | 5650 |      |
| M7ZH-H055-CAA | RRT64C1E-CAA |     |      |      | 3120 | 3490 | 3890 | 4310 | 4740 | 5190 | 5650 | 6110 | 6570 |
| M7ZH-H055-CAV | RRT64C1E-CAV |     |      |      | 3120 | 3490 | 3890 | 4310 | 4740 | 5190 | 5650 | 6110 | 6570 |
| M7GH-H057-CAA | RRT64C1E-CAA |     |      | 2720 | 3080 | 3460 | 3880 | 4330 | 4800 | 5290 |      |      |      |
| M7GH-H057-CAV | RRT64C1E-CAV |     |      | 2720 | 3080 | 3460 | 3880 | 4330 | 4800 | 5290 |      |      |      |
| M7KH-0060-CAA | RRT64C1E-CAA |     |      | 2910 | 3290 | 3700 | 4140 | 4620 | 5120 | 5640 | 6190 | 6740 | 7310 |
| M7KH-0060-CAV | RRT64C1E-CAV |     |      | 2910 | 3290 | 3700 | 4140 | 4620 | 5120 | 5640 | 6190 | 6740 | 7310 |
| M7ZH-0062-CFA | RRT81C1E-PFA |     |      |      | 3210 | 3660 | 4200 | 4800 | 5440 | 6120 |      |      |      |
| M7ZH-0062-CFV | RRT81C1E-PFV |     |      |      | 3210 | 3660 | 4200 | 4800 | 5440 | 6120 |      |      |      |
| M7ZH-H067-CFA | RRT81C1E-PFA |     |      |      | 3310 | 3780 | 4340 | 4950 | 5620 | 6310 |      |      |      |
| M7ZH-H067-CFV | RRT81C1E-PFV |     |      |      | 3310 | 3780 | 4340 | 4950 | 5620 | 6310 |      |      |      |
| M7KH-0064-CAA | RRT73C1E-CAA |     |      | 3230 | 3680 | 4150 | 4650 | 5160 | 5690 | 6240 | 6810 | 7390 | 7990 |
| M7KH-0064-CAV | RRT73C1E-CAV |     |      | 3230 | 3680 | 4150 | 4650 | 5160 | 5690 | 6240 | 6810 | 7390 | 7990 |
| M7KH-0075-CFA | RRT81C1E-PFA |     |      | 3140 | 3570 | 4130 | 4770 | 5480 | 6230 | 7020 | 7810 | 8600 | 9360 |
| M7KH-0075-CFV | RRT81C1E-PFV |     |      | 3140 | 3570 | 4130 | 4770 | 5480 | 6230 | 7020 | 7810 | 8600 | 9360 |
| M7ZH-0070-CFA | RRT10K1E-PFA |     |      |      |      |      | 5220 | 5740 |      |      |      |      |      |
| M7ZH-0070-CFV | RRT10K1E-PFV |     |      |      |      |      | 5220 | 5740 |      |      |      |      |      |
| M7ZH-H076-CFA | RRT10K1E-PFA |     |      |      | 4850 | 5370 | 5900 | 6430 |      |      |      |      |      |
| M7ZH-H076-CFV | RRT10K1E-PFV |     |      |      | 4850 | 5370 | 5900 | 6430 |      |      |      |      |      |
| M7KH-0083-CFA | RRT81C1E-PFA |     | 2880 | 3230 | 3750 | 4410 | 5160 | 5990 | 6860 | 7750 |      |      |      |
| M7KH-0083-CFV | RRT81C1E-PFV |     | 2880 | 3230 | 3750 | 4410 | 5160 | 5990 | 6860 | 7750 |      |      |      |
| M7KH-0086-CFA | RRT10K1E-PFA |     |      |      | 4680 | 5260 | 5870 | 6510 | 7160 | 7840 | 8540 | 9250 |      |
| M7KH-0086-CFV | RRT10K1E-PFV |     |      |      | 4680 | 5260 | 5870 | 6510 | 7160 | 7840 | 8540 | 9250 |      |
| M7KH-0096-CFA | RRT10K1E-PFA |     | 3730 | 4300 | 4920 | 5590 | 6300 | 7050 | 7860 | 8700 |      |      |      |
| M7KH-0096-CFV | RRT10K1E-PFV |     | 3730 | 4300 | 4920 | 5590 | 6300 | 7050 | 7860 | 8700 |      |      |      |

Capacities rated at 40°F return gas (65°F return gas for capacities in **bold**), 5°F subcooling

# R-513A High Temp

# Copeland air-cooled condensing units

| Model         | Compressor   | -10 | -5 | 0    | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   |
|---------------|--------------|-----|----|------|------|------|------|------|------|------|------|------|------|
| 110° Ambient  |              |     |    |      |      |      |      |      |      |      |      |      |      |
| M7JH-0012-IAA | ARE13C4E-IAA |     |    |      | 628  | 709  | 796  | 889  | 988  | 1100 | 1210 | 1330 | 1460 |
| M7JH-H012-IAA | ARE13C4E-IAA |     |    | 584  | 666  | 756  | 852  | 957  | 1070 | 1190 | 1330 | 1470 | 1630 |
| M7ZH-0013-IAA | ARE13C4E-IAA |     |    | 599  | 684  | 776  | 876  | 985  | 1100 | 1230 | 1370 | 1520 | 1690 |
| M7JH-0014-IAA | ARE17C4E-IAA |     |    |      |      | 875  | 978  | 1090 | 1210 | 1330 | 1460 | 1610 | 1760 |
| M7JH-H015-IAA | ARE17C4E-IAA |     |    | 733  | 831  | 937  | 1050 | 1180 | 1310 | 1450 | 1610 | 1770 | 1950 |
| M7ZH-0016-IAA | ARE17C4E-IAA |     |    | 752  | 854  | 963  | 1080 | 1210 | 1350 | 1500 | 1660 | 1830 | 2020 |
| M7JH-0018-IAA | ARE25C4E-IAA |     |    |      |      |      |      | 1400 | 1550 | 1700 |      |      |      |
| M7JH-H020-IAA | ARE25C4E-IAA |     |    |      | 1130 | 1270 | 1410 | 1570 | 1740 | 1930 | 2130 | 2340 | 2570 |
| M7JH-H024-IAA | ARE29C4E-IAA |     |    |      | 1360 | 1500 | 1650 | 1830 | 2010 | 2210 | 2420 | 2640 | 2870 |
| M7JH-H029-IAA | ARE35C5E-IAA |     |    |      |      | 1710 | 1930 | 2150 | 2390 | 2630 | 2870 | 3120 |      |
| M7ZH-0031-IAA | ARE35C5E-IAA |     |    |      | 1560 | 1770 | 2000 | 2240 | 2490 | 2760 | 3030 | 3310 | 3590 |
| M7JH-H034-IAV | ARE42C5E-IAV |     |    |      |      |      | 2110 | 2350 | 2590 | 2840 |      |      |      |
| M7ZH-0037-IAV | ARE42C5E-IAV |     |    |      | 1740 | 1960 | 2210 | 2460 | 2730 | 3000 |      |      |      |
| M7JH-H038-IAA | ARE48C5E-IAA |     |    |      |      |      |      |      | 3040 |      |      |      |      |
| M7JH-H038-IAV | ARE48C5E-IAV |     |    |      |      |      |      |      | 3040 |      |      |      |      |
| M7ZH-0041-IAA | ARE48C5E-IAA |     |    |      |      | 2410 | 2660 | 2930 | 3210 | 3510 | 3820 | 4130 |      |
| M7ZH-0041-IAV | ARE48C5E-IAV |     |    |      |      | 2410 | 2660 | 2930 | 3210 | 3510 | 3820 | 4130 |      |
| M7ZH-0045-IAA | ARE54C5E-IAA |     |    |      |      |      | 2960 | 3270 | 3580 | 3890 |      |      |      |
| M7ZH-0045-IAV | ARE54C5E-IAV |     |    |      |      |      | 2960 | 3270 | 3580 | 3890 |      |      |      |
| M7ZH-H046-IAA | RRT62C1E-IAA |     |    |      |      | 2720 | 3030 | 3370 | 3710 | 4070 | 4440 |      |      |
| M7ZH-H046-IAV | RRT62C1E-IAV |     |    |      |      | 2720 | 3030 | 3370 | 3710 | 4070 | 4440 |      |      |
| M7ZH-0051-IAA | RRT64C1E-IAA |     |    |      |      |      | 3330 | 3670 | 4000 |      |      |      |      |
| M7ZH-0051-IAV | RRT64C1E-IAV |     |    |      |      |      | 3370 | 3720 |      |      |      |      |      |
| M7ZH-H055-CAA | RRT64C1E-CAA |     |    |      |      | 3180 | 3540 | 3930 | 4320 | 4740 |      |      |      |
| M7ZH-H055-CAV | RRT64C1E-CAV |     |    |      |      | 3180 | 3540 | 3930 | 4320 | 4740 |      |      |      |
| M7GH-H057-CAA | RRT64C1E-CAA |     |    |      | 2780 | 3140 | 3520 | 3930 | 4350 | 4800 |      |      |      |
| M7GH-H057-CAV | RRT64C1E-CAV |     |    |      | 2780 | 3140 | 3520 | 3930 | 4350 | 4800 |      |      |      |
| M7KH-0060-CAA | RRT64C1E-CAA |     |    |      | 3000 | 3380 | 3790 | 4220 | 4680 | 5170 | 5670 | 6180 | 6710 |
| M7KH-0060-CAV | RRT64C1E-CAV |     |    |      | 3000 | 3380 | 3790 | 4220 | 4680 | 5170 | 5670 | 6180 | 6710 |
| M7ZH-0062-CFA | RRT81C1E-PFA |     |    |      |      |      | 3760 | 4330 |      |      |      |      |      |
| M7ZH-0062-CFV | RRT81C1E-PFV |     |    |      |      |      | 3760 | 4330 |      |      |      |      |      |
| M7ZH-H067-CFA | RRT81C1E-PFA |     |    |      |      | 3370 | 3870 | 4460 |      |      |      |      |      |
| M7ZH-H067-CFV | RRT81C1E-PFV |     |    |      |      | 3370 | 3870 | 4460 |      |      |      |      |      |
| M7KH-0064-CAA | RRT73C1E-CAA |     |    |      |      | 3790 | 4230 | 4690 | 5160 | 5650 | 6160 | 6670 |      |
| M7KH-0064-CAV | RRT73C1E-CAV |     |    |      |      | 3790 | 4230 | 4690 | 5160 | 5650 | 6160 | 6670 |      |
| M7KH-0075-CFA | RRT81C1E-PFA |     |    |      | 3160 | 3640 | 4230 | 4900 | 5630 | 6390 | 7180 |      |      |
| M7KH-0075-CFV | RRT81C1E-PFV |     |    |      | 3160 | 3640 | 4230 | 4900 | 5630 | 6390 | 7180 |      |      |
| M7KH-0083-CFA | RRT81C1E-PFA |     |    | 2810 | 3230 | 3810 | 4500 | 5290 | 6130 | 7000 |      |      |      |
| M7KH-0083-CFV | RRT81C1E-PFV |     |    | 2810 | 3230 | 3810 | 4500 | 5290 | 6130 | 7000 |      |      |      |
| M7KH-0086-CFA | RRT10K1E-PFA |     |    |      |      | 4820 | 5380 | 5970 | 6570 |      |      |      |      |
| M7KH-0086-CFV | RRT10K1E-PFV |     |    |      |      | 4820 | 5380 | 5970 | 6570 |      |      |      |      |
| M7KH-0096-CFA | RRT10K1E-PFA |     |    |      | 4440 | 5060 | 5710 | 6410 | 7150 | 7930 |      |      |      |
| M7KH-0096-CFV | RRT10K1E-PFV |     |    |      | 4440 | 5060 | 5710 | 6410 | 7150 | 7930 |      |      |      |

Capacities rated at 40°F return gas (65°F return gas for capacities in **bold**), 5°F subcooling

# Physical and Electrical Data

# Copevap welded air-cooled condensing units

| Model         | Compressor Electrical | Length | Width | Height | Refrigerant* Connections |         | Receiver Capacity (Lbs @ 90% Volume) |      |      |      |      | MCA  | Max Fuse | Ship Weight |
|---------------|-----------------------|--------|-------|--------|--------------------------|---------|--------------------------------------|------|------|------|------|------|----------|-------------|
|               |                       |        |       |        | Liquid                   | Suction | 134a                                 | 404A | 448A | 449A | 450A |      |          |             |
| B Chassis     |                       |        |       |        |                          |         |                                      |      |      |      |      |      |          |             |
| M6BL-0123-CFA | RFT42C1E-PFA          | 24     | 16.29 | 13.64  | 3/8                      | 3/8     | 2.8                                  | 3    | 3    |      |      | 21.4 | 30       | 0           |
| M6BL-0123-CFV | RFT42C1E-PFV          | 24     | 16.29 | 13.64  | 3/8                      | 3/8     | 2.8                                  | 3    | 3    |      |      | 11.2 | 15       | 0           |
| M6BP-0064-CAA | RST45C1E-CAA          | 24     | 16.69 | 13.64  | 3/8                      | 3/8     | 2.8                                  | 3    | 3    |      |      | 15.1 | 20       | 0           |
| M6BP-0064-CAV | RST45C1E-CAV          | 24     | 16.69 | 13.64  | 3/8                      | 3/8     | 2.8                                  | 3    | 3    |      |      | 7.5  | 15       | 0           |
| M6BP-0075-CAA | RST55C1E-CAA          | 24     | 16.69 | 13.64  | 3/8                      | 3/8     | 2.8                                  | 3    | 3    |      |      | 20.8 | 30       | 0           |
| M6BP-0075-CAV | RST55C1E-CAV          | 24     | 16.69 | 13.64  | 3/8                      | 3/8     | 2.8                                  | 3    | 3    |      |      | 9.7  | 15       | 0           |
| M6BP-0092-CAV | RST64C1E-CAV          | 24     | 16.72 | 13.64  | 3/8                      | 3/8     | 2.8                                  | 3    | 3    |      |      | 12.4 | 20       | 0           |
| M6BP-0092-CFA | RST64C1E-CFA          | 24     | 16.29 | 13.64  | 3/8                      | 3/8     | 2.8                                  | 3    | 3    |      |      | 20.3 | 30       | 0           |
| M6BP-0096-CFV | RST70C1E-PFV          | 24     | 16.29 | 13.64  | 3/8                      | 1/2     | 2.8                                  | 3    | 3    |      |      | 10.8 | 15       | 0           |
| M6BP-0106-CFV | RST80C1E-PFV          | 24     | 16.29 | 13.64  | 3/8                      | 1/2     | 2.8                                  | 3    | 3    |      |      | 12.8 | 20       | 0           |
| M6BP-0116-CFV | RST97C1E-PFV          | 24     | 16.29 | 13.64  | 3/8                      | 1/2     | 2.8                                  | 3    | 3    |      |      | 13.7 | 20       | 0           |
| M7BH-0060-CAA | RRT64C1E-CAA          | 24     | 16.69 | 13.64  | 3/8                      | 3/8     | 3.3                                  |      |      | 3.2  | 3.2  | 15.8 | 20       | 0           |
| M7BH-0060-CAV | RRT64C1E-CAV          | 24     | 16.69 | 13.64  | 3/8                      | 3/8     | 3.3                                  |      |      | 3.2  | 3.2  | 9.2  | 15       | 0           |
| M7BH-0064-CAA | RRT73C1E-CAA          | 24     | 16.69 | 13.64  | 1/4                      | 3/8     | 3.3                                  |      |      | 3.2  | 3.2  | 15.8 | 20       | 0           |
| M7BH-0064-CAV | RRT73C1E-CAV          | 24     | 16.69 | 13.64  | 3/8                      | 3/8     | 3.3                                  |      |      | 3.2  | 3.2  | 11.8 | 15       | 0           |
| M7BH-0075-CFA | RRT81C1E-PFA          | 24     | 16.29 | 13.64  | 3/8                      | 1/2     | 3.3                                  |      |      | 3.2  | 3.2  | 18.3 | 25       | 0           |
| M7BH-0075-CFV | RRT81C1E-PFV          | 24     | 16.29 | 13.64  | 3/8                      | 1/2     | 3.3                                  |      |      | 3.2  | 3.2  | 9.3  | 15       | 0           |
| M7BH-0086-CFA | RRT10K1E-PFA          | 24     | 16.29 | 13.64  | 3/8                      | 1/2     | 3.3                                  |      |      | 3.2  | 3.2  | 19   | 30       | 0           |
| M7BH-0086-CFV | RRT10K1E-PFV          | 24     | 16.29 | 13.64  | 3/8                      | 1/2     | 3.3                                  |      |      | 3.2  | 3.2  | 11.2 | 15       | 0           |
| E Chassis     |                       |        |       |        |                          |         |                                      |      |      |      |      |      |          |             |
| M6EL-0030-IAA | AFE11C4E-IAA          | 16     | 14.25 | 10.52  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 5.9  | 15       | 0           |
| M6EL-0038-IAA | AFE13C4E-IAA          | 16     | 14.25 | 10.52  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 7.7  | 15       | 0           |
| M6EL-0041-IAA | AFE14C5E-IAA          | 16     | 14.25 | 10.52  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 8.2  | 15       | 0           |
| M6EL-0048-CAA | AFE17C4E-CAA          | 16     | 14.25 | 10.47  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 10.4 | 15       | 0           |
| M6EL-0052-IAA | AFE20C5E-IAA          | 16     | 14.25 | 10.52  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 8.5  | 15       | 0           |
| M6EL-0068-CAA | AFE26C5E-CAA          | 16     | 14.25 | 10.47  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 12.3 | 20       | 0           |
| M6EL-H032-IAA | AFE11C4E-IAA          | 16.06  | 15.12 | 11.75  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 6.1  | 15       | 0           |
| M6EL-H042-IAA | AFE13C4E-IAA          | 16.06  | 15.12 | 11.75  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 7.9  | 15       | 0           |
| M6EL-H043-IAA | AFE14C5E-IAA          | 16.06  | 15.12 | 11.75  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 8.4  | 15       | 0           |
| M6EL-H043-IAV | AFE14C5E-IAV          | 16.06  | 15.12 | 11.75  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 4.4  | 15       | 0           |
| M6EL-H054-CAA | AFE17C4E-CAA          | 16.06  | 15.12 | 11.75  | 1/4                      | 3/8     | 1.3                                  | 1.4  | 1.4  |      |      | 10.6 | 15       | 0           |
| M6EL-H054-IAA | AFE17C4E-IAA          | 16.06  | 15.12 | 11.75  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 10.6 | 15       | 0           |
| M6EL-H054-IAV | AFE17C4E-IAV          | 16.06  | 15.12 | 11.75  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 5.6  | 15       | 0           |
| M6EL-H056-IAA | AFE20C5E-IAA          | 16.06  | 15.12 | 11.75  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 8.8  | 15       | 0           |
| M6EL-H056-IAV | AFE20C5E-IAV          | 16.06  | 15.12 | 11.75  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 6    | 15       | 0           |
| M6EL-H065-CAA | AFE23C5E-CAA          | 16.06  | 15.12 | 11.75  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 10.3 | 15       | 0           |
| M6EL-H074-CAA | AFE26C5E-CAA          | 16.06  | 15.12 | 11.75  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 12.5 | 20       | 0           |
| M6EM-0020-IAA | ASE12C4E-IAA          | 16     | 14.25 | 10.52  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 5.4  | 15       | 0           |
| M6EM-0023-IAA | ASE14C4E-IAA          | 16     | 14.25 | 10.52  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 6.7  | 15       | 0           |
| M6EM-0028-IAA | ASE20C4E-IAA          | 16     | 14.25 | 10.52  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 8.2  | 15       | 0           |
| M6EM-0034-IAA | ASE28C5E-IAA          | 16     | 14.25 | 10.52  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 9.7  | 15       | 0           |
| M6EM-0045-IAA | ASE39C5E-IAA          | 16     | 14.25 | 10.52  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 13.2 | 20       | 0           |
| M6EM-H022-IAA | ASE12C4E-IAA          | 16.06  | 15.12 | 11.75  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 5.6  | 15       | 0           |
| M6EM-H026-IAA | ASE14C4E-IAA          | 16.06  | 15.12 | 11.75  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 6.7  | 15       | 0           |
| M6EM-H032-CAA | ASE20C4E-CAA          | 16.06  | 15.12 | 11.75  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 7.8  | 15       | 0           |
| M6EM-H034-IAA | ASE24C5E-IAA          | 16.06  | 15.12 | 11.75  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 8.6  | 15       | 0           |
| M6EM-H040-IAA | ASE28C5E-IAA          | 16.06  | 15.12 | 11.75  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 9.9  | 15       | 0           |
| M6EM-H051-IAA | ASE39C5E-IAA          | 16.06  | 15.12 | 11.75  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      | 13.4 | 20       | 0           |
| M6EP-H056-CAA | RST45C1E-CAA          | 16.26  | 15.62 | 11.75  | 1/4                      | 3/8     | 1.3                                  | 1.4  | 1.4  |      |      | 14   | 20       | 0           |
| M6EP-H056-IAA | RST45C1E-IAA          | 16.26  | 15.66 | 11.75  | 1/4                      | 3/8     | 1.3                                  | 1.4  | 1.4  |      |      | 14   | 20       | 0           |
| M7EH-0020-IAA | ARE25C4E-IAA          | 16     | 14.25 | 10.52  | 1/4                      | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  | 6.8  | 15       | 0           |
| M7EH-0024-IAA | ARE29C4E-IAA          | 16     | 14.25 | 10.52  | 1/4                      | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  | 5.5  | 15       | 0           |
| M7EH-0029-IAA | ARE35C5E-IAA          | 16     | 14.25 | 10.52  | 1/4                      | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  | 9.3  | 15       | 0           |
| M7EH-0037-IAA | ARE48C5E-IAA          | 16     | 14.25 | 10.52  | 1/4                      | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  | 10.7 | 15       | 0           |
| M7EH-0041-IAA | ARE54C5E-IAA          | 16     | 14.25 | 10.52  | 1/4                      | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  | 12.3 | 20       | 0           |

Connections listed for -177 (B and P Chassis), -103 (E Chassis), and -118 (T Chassis) BOMs. See OPI for connections for other specific BOMs

\*Receiver capacity applies only to units with receivers. See BOM Matrix for included components.



# Physical and Electrical Data

# Copevap welded air-cooled condensing units

| Model            | Compressor Electrical | Length | Width | Height | Refrigerant* Connections |         | Receiver Capacity (Lbs @ 90% Volume) |      |      |      |      | MCA | Max Fuse | Ship Weight |
|------------------|-----------------------|--------|-------|--------|--------------------------|---------|--------------------------------------|------|------|------|------|-----|----------|-------------|
|                  |                       |        |       |        | Liquid                   | Suction | 134a                                 | 404A | 448A | 449A | 450A |     |          |             |
| E Chassis (cont) |                       |        |       |        |                          |         |                                      |      |      |      |      |     |          |             |
| M7EH-H016-IAA    | ARE17C4E-IAA          | 16.06  | 15.12 | 11.75  | 1/4                      | 5/16    | 1.5                                  |      | 1.5  | 1.5  | 6.1  | 15  | 0        |             |
| M7EH-H022-IAA    | ARE25C4E-IAA          | 16.06  | 15.12 | 11.75  | 1/4                      | 5/16    | 1.5                                  |      | 1.5  | 1.5  | 7    | 15  | 0        |             |
| M7EH-H026-IAA    | ARE29C4E-IAA          | 16.06  | 15.12 | 11.75  | 1/4                      | 5/16    | 1.5                                  |      | 1.5  | 1.5  | 5.8  | 15  | 0        |             |
| M7EH-H032-IAA    | ARE35C5E-IAA          | 16.06  | 15.12 | 11.75  | 1/4                      | 5/16    | 1.5                                  |      | 1.5  | 1.5  | 9.5  | 15  | 0        |             |
| M7EH-H041-IAA    | ARE48C5E-IAA          | 16.06  | 15.12 | 11.75  | 1/4                      | 5/16    | 1.5                                  |      | 1.5  | 1.5  | 10.9 | 15  | 0        |             |
| M7EH-H041-IAV    | ARE48C5E-IAV          | 16.06  | 15.12 | 11.75  | 1/4                      | 5/16    | 1.5                                  |      | 1.5  | 1.5  | 6.9  | 15  | 0        |             |
| M7EH-H044-IAA    | RRT62C1E-IAA          | 16.62  | 15.27 | 11.75  | 1/4                      | 3/8     | 1.5                                  |      | 1.5  | 1.5  | 12.8 | 20  | 0        |             |
| M7EH-H044-IAV    | RRT62C1E-IAV          | 16.62  | 15.27 | 11.75  | 1/4                      | 3/8     | 1.5                                  |      | 1.5  | 1.5  | 6    | 15  | 0        |             |
| M7EH-H046-IAA    | ARE54C5E-IAA          | 16.06  | 15.12 | 11.75  | 1/4                      | 5/16    | 1.5                                  |      | 1.5  | 1.5  | 12.5 | 20  | 0        |             |
| M7EH-H046-IAV    | ARE54C5E-IAV          | 16.06  | 15.12 | 11.75  | 1/4                      | 5/16    | 1.5                                  |      | 1.5  | 1.5  | 6.9  | 15  | 0        |             |
| M7EH-H049-CAA    | ARE51C4E-CAA          | 16.06  | 15.12 | 11.75  | 1/4                      | 5/16    | 1.5                                  |      | 1.5  | 1.5  | 14   | 20  | 0        |             |
| M7EH-H053-CAA    | RRT64C1E-CAA          | 16.26  | 15.58 | 11.75  | 1/4                      | 3/8     | 1.5                                  |      | 1.5  | 1.5  | 14.6 | 20  | 0        |             |
| M7EH-H053-CAV    | RRT64C1E-CAV          | 16.26  | 15.58 | 11.75  | 1/4                      | 3/8     | 1.5                                  |      | 1.5  | 1.5  | 8.6  | 15  | 0        |             |
| M7EH-H053-IAA    | RRT64C1E-IAA          | 16.26  | 15.62 | 11.75  | 1/4                      | 3/8     | 1.5                                  |      | 1.5  | 1.5  | 14.6 | 20  | 0        |             |
| M7EH-H053-IAV    | RRT64C1E-IAV          | 16.71  | 15.43 | 11.75  | 1/4                      | 3/8     | 1.5                                  |      | 1.5  | 1.5  | 8.6  | 15  | 0        |             |
| M7EM-0040-IAA    | AFE13C5E-IAA          | 16     | 14.25 | 10.52  | 1/4                      | 5/16    | 1.5                                  |      | 1.5  | 1.5  | 8.2  | 15  | 0        |             |
| M7EM-H043-IAA    | AFE13C5E-IAA          | 16.06  | 15.12 | 11.75  | 1/4                      | 5/16    | 1.5                                  |      | 1.5  | 1.5  | 8.4  | 15  | 0        |             |
| M7EP-0021-IAA    | AFF07C1E-IAA          | 16     | 14.25 | 10.52  | 1/4                      | 5/16    | 1.5                                  |      | 1.5  | 1.5  | 5.9  | 15  | 0        |             |
| M7EP-0032-IAA    | AFF10C1E-IAA          | 16     | 14.25 | 10.52  | 1/4                      | 5/16    | 1.5                                  |      | 1.5  | 1.5  | 4.9  | 15  | 0        |             |
| M7EP-0034-IAA    | AFF13C1E-IAA          | 16     | 14.25 | 10.52  | 1/4                      | 5/16    | 1.5                                  |      | 1.5  | 1.5  | 11.3 | 15  | 0        |             |
| M7EP-H022-IAA    | AFF07C1E-IAA          | 16.43  | 15.12 | 11.75  | 1/4                      | 5/16    | 1.5                                  |      | 1.5  | 1.5  | 6.1  | 15  | 0        |             |
| M7EP-H034-IAA    | AFF10C1E-IAA          | 16.43  | 15.12 | 11.75  | 1/4                      | 5/16    | 1.5                                  |      | 1.5  | 1.5  | 5.1  | 15  | 0        |             |
| M7EP-H036-IAA    | AFF13C1E-IAA          | 16.43  | 15.12 | 11.75  | 1/4                      | 5/16    | 1.5                                  |      | 1.5  | 1.5  | 11.5 | 15  | 0        |             |
| M7EP-H059-CFA    | RFT18C1E-PFA          | 16.26  | 15.59 | 12.46  | 1/4                      | 3/8     | 1.5                                  |      | 1.5  | 1.5  | 13   | 20  | 0        |             |
| P Chassis        |                       |        |       |        |                          |         |                                      |      |      |      |      |     |          |             |
| M6PL-0023-IAA    | AFE08C4E-IAA          | 19.88  | 11.06 | 10.65  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      | 5.5  | 15  | 0        |             |
| M6PL-0030-IAA    | AFE11C4E-IAA          | 19.88  | 11.06 | 10.65  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      | 5.9  | 15  | 0        |             |
| M6PL-0038-IAA    | AFE13C4E-IAA          | 19.88  | 11.06 | 11.16  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      | 7.7  | 15  | 0        |             |
| M6PL-0041-IAA    | AFE14C5E-IAA          | 19.88  | 11.06 | 11.16  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      | 8.2  | 15  | 0        |             |
| M6PL-0052-IAA    | AFE20C5E-IAA          | 19.88  | 11.06 | 11.16  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      | 8.5  | 15  | 0        |             |
| M6PL-0060-CAV    | AFE23C5E-CAV          | 19.88  | 11.36 | 10.65  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      | 5.8  | 15  | 0        |             |
| M6PM-0020-IAA    | ASE12C4E-IAA          | 19.88  | 11.06 | 10.65  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      | 5.4  | 15  | 0        |             |
| M6PM-0023-IAA    | ASE14C4E-IAA          | 19.88  | 11.06 | 10.65  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      | 6.7  | 15  | 0        |             |
| M6PM-0028-CAA    | ASE20C4E-CAA          | 19.88  | 11.36 | 10.65  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      | 7.5  | 15  | 0        |             |
| M6PM-0028-IAA    | ASE20C4E-IAA          | 19.88  | 11.06 | 10.65  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      | 8.2  | 15  | 0        |             |
| M6PM-0030-IAA    | ASE24C5E-IAA          | 19.88  | 11.06 | 11.16  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      | 8.4  | 15  | 0        |             |
| M7PH-0012-IAA    | ARE13C4E-IAA          | 19.88  | 11.06 | 10.65  | 1/4                      | 5/16    | 1.5                                  |      | 1.5  | 1.5  | 5.9  | 15  | 0        |             |
| M7PH-0015-IAA    | ARE17C4E-IAA          | 19.88  | 11.06 | 10.65  | 1/4                      | 5/16    | 1.5                                  |      | 1.5  | 1.5  | 5.9  | 15  | 0        |             |
| M7PH-0020-IAA    | ARE25C4E-IAA          | 19.88  | 11.06 | 10.65  | 1/4                      | 5/16    | 1.5                                  |      | 1.5  | 1.5  | 6.8  | 15  | 0        |             |
| M7PH-0024-IAA    | ARE29C4E-IAA          | 19.88  | 11.06 | 10.65  | 1/4                      | 5/16    | 1.5                                  |      | 1.5  | 1.5  | 4.4  | 15  | 0        |             |
| M7PH-0029-IAA    | ARE35C5E-IAA          | 19.88  | 11.06 | 11.16  | 1/4                      | 5/16    | 1.5                                  |      | 1.5  | 1.5  | 9.3  | 15  | 0        |             |
| M7PH-0038-IAA    | ARE48C5E-IAA          | 19.88  | 11.06 | 11.16  | 1/4                      | 5/16    | 1.5                                  |      | 1.5  | 1.5  | 10.7 | 15  | 0        |             |
| M7PH-0042-IAA    | ARE54C5E-IAA          | 19.88  | 11.06 | 11.16  | 1/4                      | 5/16    | 1.5                                  |      | 1.5  | 1.5  | 12.3 | 20  | 0        |             |
| M7PM-0036-IAA    | AFE12C4E-IAA          | 19.88  | 11.06 | 11.16  | 1/4                      | 5/16    | 1.5                                  |      | 1.5  | 1.5  | 8.8  | 15  | 0        |             |
| M7PP-0021-IAA    | AFF07C1E-IAA          | 19.9   | 11.06 | 11.69  | 1/4                      | 5/16    | 1.5                                  |      | 1.5  | 1.5  | 5.9  | 15  | 0        |             |
| M7PP-0032-IA3    | AFF10C1E-IA3          | 19.9   | 11.06 | 11.69  | 1/4                      | 5/16    | 1.5                                  |      | 1.5  | 1.5  | 5.2  | 15  | 0        |             |
| M7PP-0032-IAA    | AFF10C1E-IAA          | 19.9   | 11.06 | 11.69  | 1/4                      | 5/16    | 1.5                                  |      | 1.5  | 1.5  | 4.9  | 15  | 0        |             |
| M7PP-0034-IAA    | AFF13C1E-IAA          | 19.9   | 11.06 | 11.69  | 1/4                      | 5/16    | 1.5                                  |      | 1.5  | 1.5  | 11.3 | 15  | 0        |             |
| MUPL-0024-IAA    | AFM06C1U-IAA          | 19.88  | 11.66 | 10.46  | 1/4                      | 1/4     |                                      |      |      |      | 5.7  | 15  |          |             |
| MUPL-0029-IAA    | AFF10C1U-IAA          | 20.12  | 11.66 | 10.47  | 1/4                      | 5/16    |                                      |      |      |      | 11.3 | 15  |          |             |
| MUPL-0041-IAA    | AFF12C1U-IAA          | 20.12  | 11.66 | 10.47  | 1/4                      | 5/16    |                                      |      |      |      | 11.3 | 15  |          |             |
| MUPL-0045-IAA    | AFE15C5U-IAA          | 19.88  | 11.66 | 10.46  | 1/4                      | 5/16    |                                      |      |      |      | 8.2  | 15  |          |             |
| MUPL-0057-IAA    | AFE20C5U-IAA          | 19.88  | 11.66 | 10.46  | 1/4                      | 5/16    |                                      |      |      |      | 9.2  | 15  |          |             |
| MUPL-0058-CAA    | AFE20C5U-CAA          | 19.88  | 11.84 | 10.46  | 1/4                      | 5/16    |                                      |      |      |      | 9.2  | 15  |          |             |
| MUPL-0070-CAA    | AFE25C5U-CAA          | 19.88  | 11.84 | 10.46  | 1/4                      | 5/16    |                                      |      |      |      | 9.5  | 15  |          |             |

Connections listed for -177 (B and P Chassis), -103 (E Chassis), and -118 (T Chassis) BOMs. See OPI for connections for other specific BOMs

\*Receiver capacity applies only to units with receivers. See BOM Matrix for included components.

## Physical and Electrical Data

## Copevap welded air-cooled condensing units

| Model            | Compressor Electrical | Length | Width | Height | Refrigerant* Connections |         | Receiver Capacity (Lbs @ 90% Volume) |      |      |      |      |      | MCA  | Max Fuse | Ship Weight |
|------------------|-----------------------|--------|-------|--------|--------------------------|---------|--------------------------------------|------|------|------|------|------|------|----------|-------------|
|                  |                       |        |       |        | Liquid                   | Suction | 134a                                 | 404A | 448A | 449A | 450A | 513A |      |          |             |
| P Chassis (cont) |                       |        |       |        |                          |         |                                      |      |      |      |      |      |      |          |             |
| MUPM-0022-IAA    | ASE12C4U-IAA          | 19.88  | 11.66 | 10.46  | 1/4                      | 5/16    |                                      |      |      |      |      |      | 6.3  | 15       |             |
| MUPM-0024-IAA    | ASE17C4U-IAA          | 19.88  | 11.66 | 10.46  | 1/4                      | 5/16    |                                      |      |      |      |      |      | 6.9  | 15       |             |
| MUPM-0031-IAA    | ASE21C5U-IAA          | 19.88  | 11.66 | 10.46  | 1/4                      | 5/16    |                                      |      |      |      |      |      | 6.9  | 15       |             |
| MUPM-0039-IAA    | ASE32C4U-IAA          | 19.88  | 11.66 | 10.46  | 1/4                      | 5/16    |                                      |      |      |      |      |      | 13.2 | 20       |             |
| MUPM-0047-IAA    | ASE37C5U-IAA          | 19.88  | 11.66 | 10.46  | 1/4                      | 5/16    |                                      |      |      |      |      |      | 9.7  | 15       |             |
| MUPM-0048-CAA    | ASE37C5U-CAA          | 19.88  | 11.84 | 10.46  | 1/4                      | 5/16    |                                      |      |      |      |      |      | 9.7  | 15       |             |
| T Chassis        |                       |        |       |        |                          |         |                                      |      |      |      |      |      |      |          |             |
| M6TL-0018-IAA    | AFE06C4E-IAA          | 19     | 9.41  | 10.53  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      |      | 4.5  | 15       | 0           |
| M6TL-0022-IAA    | AFE08C4E-IAA          | 19     | 9.41  | 10.53  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      |      | 5.5  | 15       | 0           |
| M6TL-0029-IAA    | AFE11C4E-IAA          | 19     | 9.41  | 10.53  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      |      | 5.9  | 15       | 0           |
| M6TL-0037-IAA    | AFE13C4E-IAA          | 19     | 9.41  | 10.53  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      |      | 7.7  | 15       | 0           |
| M6TL-0040-IAA    | AFE14C5E-IAA          | 19     | 9.41  | 10.53  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      |      | 8.2  | 15       | 0           |
| M6TL-0040-IAV    | AFE14C5E-IAV          | 19.04  | 8.47  | 10.53  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      |      | 4.3  | 15       | 0           |
| M6TL-0051-IAA    | AFE20C5E-IAA          | 19     | 9.41  | 10.53  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      |      | 8.5  | 15       | 0           |
| M6TL-0051-IAV    | AFE20C5E-IAV          | 19     | 9.41  | 10.53  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      |      | 5.9  | 15       | 0           |
| M6TM-0020-IAA    | ASE12C4E-IAA          | 19     | 9.41  | 10.53  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      |      | 5.4  | 15       | 0           |
| M6TM-0022-IAA    | ASE14C4E-IAA          | 19     | 9.41  | 10.53  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      |      | 6.7  | 15       | 0           |
| M6TM-0027-IAA    | ASE20C4E-IAA          | 19     | 9.41  | 10.53  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      |      | 8.2  | 15       | 0           |
| M6TM-0027-IAV    | ASE20C4E-IAV          | 19     | 9.41  | 10.53  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      |      | 4.3  | 15       | 0           |
| M6TM-0028-IAA    | ASE24C5E-IAA          | 19     | 9.41  | 10.53  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      |      | 8.4  | 15       | 0           |
| M6TM-0032-IAA    | ASE28C5E-IAA          | 19     | 9.41  | 10.53  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      |      | 9.7  | 15       | 0           |
| M6TM-0032-IAV    | ASE28C5E-IAV          | 19     | 9.41  | 10.53  | 1/4                      | 5/16    | 1.3                                  | 1.4  | 1.4  |      |      |      | 5.6  | 15       | 0           |
| M7TH-0012-IAA    | ARE13C4E-IAA          | 19     | 9.41  | 10.53  | 1/4                      | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  |      | 5.9  | 15       | 0           |
| M7TH-0015-IAA    | ARE17C4E-IAA          | 19     | 9.41  | 10.53  | 1/4                      | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  |      | 5.9  | 15       | 0           |
| M7TH-0020-IAA    | ARE25C4E-IAA          | 19     | 9.41  | 10.53  | 1/4                      | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  |      | 6.8  | 15       | 0           |
| M7TH-0023-IAA    | ARE29C4E-IAA          | 19     | 9.41  | 10.53  | 1/4                      | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  |      | 5.5  | 15       | 0           |
| M7TH-0025-IAA    | ARE34C4E-IAA          | 19     | 9.41  | 10.53  | 1/4                      | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  |      | 6.4  | 15       | 0           |
| M7TH-0025-IAV    | ARE34C4E-IAV          | 19     | 9.41  | 10.53  | 1/4                      | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  |      | 4.9  | 15       | 0           |
| M7TH-0028-IAA    | ARE35C5E-IAA          | 19     | 9.41  | 10.53  | 1/4                      | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  |      | 9.3  | 15       | 0           |
| M7TH-0033-IAV    | ARE42C5E-IAV          | 19     | 9.41  | 10.53  | 1/4                      | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  |      | 5.1  | 15       | 0           |
| M7TH-0036-IAA    | ARE48C5E-IAA          | 19     | 9.41  | 10.53  | 1/4                      | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  |      | 10.7 | 15       | 0           |
| M7TH-0036-IAV    | ARE48C5E-IAV          | 19     | 9.41  | 10.53  | 1/4                      | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  |      | 6.8  | 15       | 0           |
| M7TM-0035-IAA    | AFE12C4E-IAA          | 19     | 9.41  | 10.53  | 1/4                      | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  |      | 8.8  | 15       | 0           |
| M7TP-0020-IAA    | AFF07C1E-IAA          | 19.34  | 9.41  | 10.53  | 1/4                      | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  |      | 5.9  | 15       | 38          |
| M7TP-0032-IA3    | AFF10C1E-IA3          | 19.34  | 9.14  | 10.53  | 1/4                      | 1/4     | 1.5                                  |      |      | 1.5  | 1.5  |      | 5.2  | 15       | 0           |
| M7TP-0032-IAA    | AFF10C1E-IAA          | 19.34  | 9.41  | 10.53  | 1/4                      | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  |      | 4.9  | 15       | 0           |
| M7TP-0033-IAA    | AFF13C1E-IAA          | 19.34  | 9.41  | 10.53  | 1/4                      | 5/16    | 1.5                                  |      |      | 1.5  | 1.5  |      | 11.3 | 15       | 0           |

Connections listed for -177 (B and P Chassis), -103 (E Chassis), and -118 (T Chassis) BOMs. See OPI for connections for other specific BOMs

\*Receiver capacity applies only to units with receivers. See BOM Matrix for included components.

# R-134a Condensate Base MT/EMT

# Copevap welded air-cooled condensing units

| Model         | Compressor   | -25  | -20  | -15  | -10  | -5   | 0    | 5    | 10   | 15   | 20   | 25   | 30   |
|---------------|--------------|------|------|------|------|------|------|------|------|------|------|------|------|
| 90° Ambient   |              |      |      |      |      |      |      |      |      |      |      |      |      |
| M7TP-0020-IAA | AFF07C1E-IAA | 544  | 638  | 743  | 859  | 987  | 1130 | 1280 | 1450 | 1630 | 1820 | 2030 |      |
| M7EP-0021-IAA | AFF07C1E-IAA | 548  | 643  | 749  | 867  | 997  | 1140 | 1300 | 1470 | 1650 | 1850 | 2060 |      |
| M7PP-0021-IAA | AFF07C1E-IAA | 548  | 643  | 749  | 867  | 997  | 1140 | 1300 | 1470 | 1650 | 1850 | 2060 |      |
| M7EP-H022-IAA | AFF07C1E-IAA | 555  | 651  | 759  | 879  | 1010 | 1160 | 1320 | 1490 | 1680 | 1880 | 2100 |      |
| M7TP-0032-IA3 | AFF10C1E-IA3 | 824  | 969  | 1130 | 1310 | 1500 | 1710 | 1940 | 2190 | 2450 | 2730 | 3030 |      |
| M7TP-0032-IAA | AFF10C1E-IAA | 824  | 969  | 1130 | 1310 | 1500 | 1710 | 1940 | 2190 | 2450 | 2730 | 3030 |      |
| M7EP-0032-IAA | AFF10C1E-IAA | 834  | 982  | 1150 | 1330 | 1530 | 1740 | 1980 | 2230 | 2500 | 2790 | 3100 |      |
| M7PP-0032-IA3 | AFF10C1E-IA3 | 834  | 982  | 1150 | 1330 | 1530 | 1740 | 1980 | 2230 | 2500 | 2790 | 3100 |      |
| M7PP-0032-IAA | AFF10C1E-IAA | 834  | 982  | 1150 | 1330 | 1530 | 1740 | 1980 | 2230 | 2500 | 2790 | 3100 |      |
| M7EP-H034-IAA | AFF10C1E-IAA | 849  | 1000 | 1170 | 1350 | 1560 | 1780 | 2030 | 2290 | 2570 | 2880 | 3200 |      |
| M7TP-0033-IAA | AFF13C1E-IAA | 951  | 1120 | 1300 | 1500 | 1720 | 1960 | 2210 | 2490 | 2780 | 3090 | 3420 |      |
| M7TM-0035-IAA | AFF13C1E-IAA | 983  | 1140 | 1330 | 1540 | 1760 | 2010 | 2270 | 2550 | 2830 | 3120 |      |      |
| M7EP-0034-IAA | AFF13C1E-IAA | 964  | 1130 | 1320 | 1530 | 1750 | 2000 | 2260 | 2550 | 2850 | 3180 | 3520 |      |
| M7PP-0034-IAA | AFF13C1E-IAA | 964  | 1130 | 1320 | 1530 | 1750 | 2000 | 2260 | 2550 | 2850 | 3180 | 3520 |      |
| M7PM-0036-IAA | AFF13C1E-IAA | 995  | 1160 | 1350 | 1560 | 1800 | 2050 | 2320 | 2610 | 2910 | 3210 |      |      |
| M7EP-H036-IAA | AFF13C1E-IAA | 984  | 1160 | 1350 | 1560 | 1800 | 2050 | 2330 | 2630 | 2950 | 3290 | 3650 |      |
| M7EM-H043-IAA | AFF13C5E-IAA | 1030 | 1210 | 1410 | 1640 | 1900 | 2170 | 2460 | 2770 | 3090 | 3420 |      |      |
| M7EP-H059-CFA | RFT18C1E-PFA | 1420 | 1760 | 2110 | 2470 | 2830 | 3200 | 3570 | 3950 | 4340 | 4730 | 5120 | 5530 |
| 100° Ambient  |              |      |      |      |      |      |      |      |      |      |      |      |      |
| M7TP-0020-IAA | AFF07C1E-IAA | 491  | 579  | 677  | 786  | 906  | 1040 | 1180 | 1340 | 1500 | 1690 | 1880 |      |
| M7EP-0021-IAA | AFF07C1E-IAA | 494  | 584  | 683  | 794  | 916  | 1050 | 1200 | 1360 | 1530 | 1710 | 1910 |      |
| M7PP-0021-IAA | AFF07C1E-IAA | 494  | 584  | 683  | 794  | 916  | 1050 | 1200 | 1360 | 1530 | 1710 | 1910 |      |
| M7EP-H022-IAA | AFF07C1E-IAA | 501  | 592  | 693  | 806  | 930  | 1070 | 1220 | 1380 | 1560 | 1750 | 1950 |      |
| M7TP-0032-IA3 | AFF10C1E-IA3 | 738  | 873  | 1020 | 1190 | 1370 | 1570 | 1780 | 2010 | 2250 | 2510 | 2790 |      |
| M7TP-0032-IAA | AFF10C1E-IAA | 738  | 873  | 1020 | 1190 | 1370 | 1570 | 1780 | 2010 | 2250 | 2510 | 2790 |      |
| M7EP-0032-IAA | AFF10C1E-IAA | 747  | 885  | 1040 | 1210 | 1390 | 1600 | 1810 | 2050 | 2300 | 2580 | 2860 |      |
| M7PP-0032-IA3 | AFF10C1E-IA3 | 747  | 885  | 1040 | 1210 | 1390 | 1600 | 1810 | 2050 | 2300 | 2580 | 2860 |      |
| M7PP-0032-IAA | AFF10C1E-IAA | 747  | 885  | 1040 | 1210 | 1390 | 1600 | 1810 | 2050 | 2300 | 2580 | 2860 |      |
| M7EP-H034-IAA | AFF10C1E-IAA | 761  | 903  | 1060 | 1230 | 1430 | 1640 | 1860 | 2110 | 2370 | 2660 | 2960 |      |
| M7TP-0033-IAA | AFF13C1E-IAA | 850  | 1010 | 1180 | 1360 | 1570 | 1790 | 2030 | 2280 | 2560 | 2850 | 3150 |      |
| M7TM-0035-IAA | AFF13C1E-IAA | 903  | 1050 | 1220 | 1410 | 1620 | 1850 | 2090 | 2340 | 2590 | 2860 |      |      |
| M7EP-0034-IAA | AFF13C1E-IAA | 863  | 1020 | 1200 | 1390 | 1600 | 1830 | 2080 | 2340 | 2620 | 2930 | 3250 |      |
| M7PP-0034-IAA | AFF13C1E-IAA | 863  | 1020 | 1200 | 1390 | 1600 | 1830 | 2080 | 2340 | 2620 | 2930 | 3250 |      |
| M7PM-0036-IAA | AFF13C1E-IAA | 914  | 1070 | 1240 | 1440 | 1660 | 1890 | 2140 | 2400 | 2670 | 2950 |      |      |
| M7EP-H036-IAA | AFF13C1E-IAA | 882  | 1040 | 1220 | 1420 | 1640 | 1880 | 2140 | 2420 | 2720 | 3030 | 3370 |      |
| M7EM-H043-IAA | AFF13C5E-IAA | 940  | 1110 | 1300 | 1520 | 1750 | 2000 | 2270 | 2560 | 2850 | 3160 |      |      |
| M7EP-H059-CFA | RFT18C1E-PFA |      | 1510 | 1850 | 2200 | 2550 | 2900 | 3260 | 3630 | 4000 | 4380 | 4770 | 5160 |
| 110° Ambient  |              |      |      |      |      |      |      |      |      |      |      |      |      |
| M7TP-0020-IAA | AFF07C1E-IAA | 437  | 519  | 611  | 712  | 824  | 947  | 1080 | 1230 | 1380 | 1550 | 1730 |      |
| M7EP-0021-IAA | AFF07C1E-IAA | 440  | 523  | 616  | 719  | 833  | 957  | 1090 | 1240 | 1400 | 1580 | 1770 |      |
| M7PP-0021-IAA | AFF07C1E-IAA | 440  | 523  | 616  | 719  | 833  | 957  | 1090 | 1240 | 1400 | 1580 | 1770 |      |
| M7EP-H022-IAA | AFF07C1E-IAA | 449  | 533  | 628  | 733  | 849  | 977  | 1120 | 1270 | 1440 | 1610 | 1810 |      |
| M7TP-0032-IA3 | AFF10C1E-IA3 | 651  | 777  | 916  | 1070 | 1240 | 1420 | 1620 | 1830 | 2060 | 2300 | 2560 |      |
| M7TP-0032-IAA | AFF10C1E-IAA | 651  | 777  | 916  | 1070 | 1240 | 1420 | 1620 | 1830 | 2060 | 2300 | 2560 |      |
| M7EP-0032-IAA | AFF10C1E-IAA | 659  | 787  | 930  | 1090 | 1260 | 1450 | 1650 | 1870 | 2110 | 2360 | 2630 |      |
| M7PP-0032-IA3 | AFF10C1E-IA3 | 659  | 787  | 930  | 1090 | 1260 | 1450 | 1650 | 1870 | 2110 | 2360 | 2630 |      |
| M7PP-0032-IAA | AFF10C1E-IAA | 659  | 787  | 930  | 1090 | 1260 | 1450 | 1650 | 1870 | 2110 | 2360 | 2630 |      |
| M7EP-H034-IAA | AFF10C1E-IAA | 675  | 807  | 953  | 1110 | 1290 | 1490 | 1700 | 1930 | 2180 | 2440 | 2730 |      |
| M7TP-0033-IAA | AFF13C1E-IAA | 751  | 895  | 1050 | 1230 | 1420 | 1620 | 1840 | 2080 | 2330 | 2600 | 2880 |      |
| M7TM-0035-IAA | AFF13C1E-IAA |      | 960  | 1110 | 1280 | 1470 | 1680 | 1890 | 2110 | 2340 |      |      |      |
| M7EP-0034-IAA | AFF13C1E-IAA | 761  | 909  | 1070 | 1250 | 1450 | 1660 | 1890 | 2140 | 2400 | 2680 | 2980 |      |
| M7PP-0034-IAA | AFF13C1E-IAA | 761  | 909  | 1070 | 1250 | 1450 | 1660 | 1890 | 2140 | 2400 | 2680 | 2980 |      |
| M7PM-0036-IAA | AFF13C1E-IAA |      | 973  | 1130 | 1310 | 1510 | 1720 | 1950 | 2180 | 2430 | 2670 |      |      |
| M7EP-H036-IAA | AFF13C1E-IAA | 781  | 933  | 1100 | 1290 | 1490 | 1710 | 1950 | 2210 | 2490 | 2790 | 3100 |      |
| M7EM-H043-IAA | AFF13C5E-IAA | 850  | 1010 | 1190 | 1390 | 1600 | 1840 | 2090 | 2350 | 2630 | 2910 |      |      |
| M7EP-H059-CFA | RFT18C1E-PFA |      |      |      | 1920 | 2270 | 2620 | 2980 | 3340 | 3710 |      |      |      |

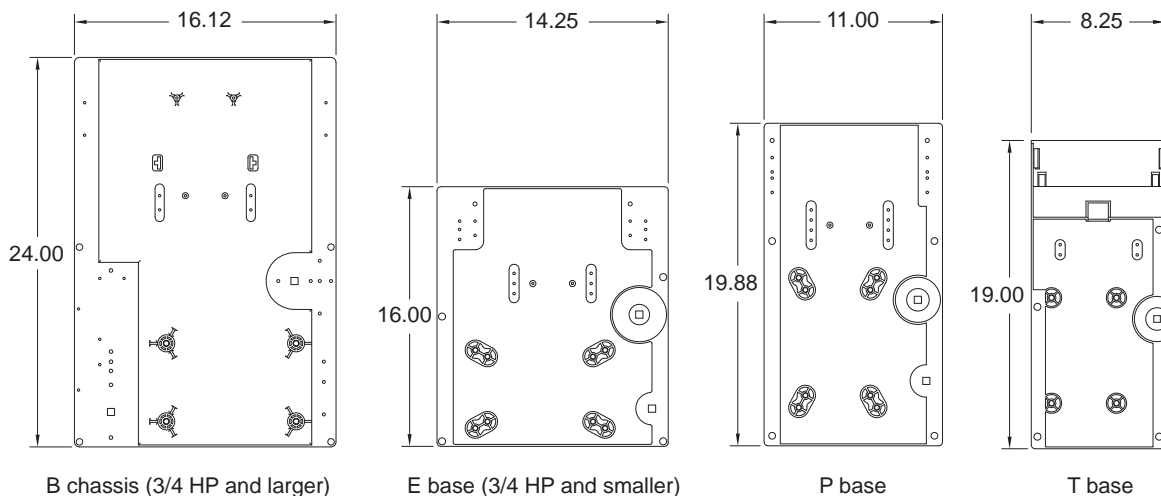
Capacities rated at 40°F return gas, 5°F subcooling

# R-134a Condensate Base HT

# Copevap welded air-cooled condensing units

| Model         | Compressor   | -10 | -5 | 0    | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   |
|---------------|--------------|-----|----|------|------|------|------|------|------|------|------|------|------|
| 110° Ambient  |              |     |    |      |      |      |      |      |      |      |      |      |      |
| M7TH-0012-IAA | ARE13C4E-IAA |     |    | 520  | 603  | 692  | 790  | 897  | 1010 | 1140 | 1280 | 1420 | 1580 |
| M7PH-0012-IAA | ARE13C4E-IAA |     |    | 524  | 608  | 699  | 798  | 907  | 1030 | 1160 | 1300 | 1450 | 1610 |
| M7EH-H016-IAA | ARE17C4E-IAA |     |    | 634  | 732  | 840  | 957  | 1090 | 1220 | 1380 |      |      |      |
| M7TH-0015-IAA | ARE17C4E-IAA |     |    | 654  | 752  | 859  | 975  | 1100 | 1240 | 1390 | 1540 | 1710 | 1900 |
| M7PH-0015-IAA | ARE17C4E-IAA |     |    | 660  | 760  | 868  | 987  | 1120 | 1260 | 1410 | 1570 | 1750 | 1930 |
| M7EH-H022-IAA | ARE25C4E-IAA |     |    | 871  | 996  | 1140 | 1290 | 1450 | 1640 | 1830 |      |      |      |
| M7TH-0020-IAA | ARE25C4E-IAA |     |    |      | 1020 | 1160 | 1310 | 1470 | 1650 | 1840 | 2040 | 2260 | 2500 |
| M7EH-0020-IAA | ARE25C4E-IAA |     |    | 911  | 1040 | 1180 | 1330 | 1500 | 1680 | 1880 | 2090 | 2320 | 2570 |
| M7PH-0020-IAA | ARE25C4E-IAA |     |    | 911  | 1040 | 1180 | 1330 | 1500 | 1680 | 1880 | 2090 | 2320 | 2570 |
| M7TH-0023-IAA | ARE29C4E-IAA |     |    |      |      | 1370 | 1530 | 1710 | 1900 | 2100 | 2320 | 2540 | 2770 |
| M7TH-0025-IAA | ARE34C4E-IAA |     |    |      | 1220 | 1360 | 1530 | 1700 | 1900 | 2110 | 2330 | 2570 | 2810 |
| M7TH-0025-IAV | ARE34C4E-IAV |     |    |      | 1220 | 1360 | 1530 | 1700 | 1900 | 2110 | 2330 | 2570 | 2810 |
| M7EH-H026-IAA | ARE29C4E-IAA |     |    | 1090 | 1220 | 1360 | 1530 | 1720 | 1920 | 2140 |      |      |      |
| M7EH-0024-IAA | ARE29C4E-IAA |     |    |      | 1250 | 1400 | 1560 | 1740 | 1940 | 2160 | 2380 | 2620 | 2860 |
| M7PH-0024-IAA | ARE29C4E-IAA |     |    |      | 1250 | 1400 | 1560 | 1740 | 1940 | 2160 | 2380 | 2620 | 2860 |
| M7TH-0028-IAA | ARE35C5E-IAA |     |    |      |      | 1580 | 1790 | 2010 | 2250 | 2500 | 2770 |      |      |
| M7EH-H032-IAA | ARE35C5E-IAA |     |    |      | 1370 | 1570 | 1780 | 2010 | 2260 | 2530 |      |      |      |
| M7EH-0029-IAA | ARE35C5E-IAA |     |    |      |      | 1610 | 1820 | 2050 | 2300 | 2560 | 2840 | 3130 |      |
| M7PH-0029-IAA | ARE35C5E-IAA |     |    |      |      | 1610 | 1820 | 2050 | 2300 | 2560 | 2840 | 3130 |      |
| M7EH-H041-IAA | ARE48C5E-IAA |     |    |      |      | 2120 | 2380 | 2660 | 2940 | 3250 |      |      |      |
| M7EH-H041-IAV | ARE48C5E-IAV |     |    |      |      | 2120 | 2380 | 2660 | 2940 | 3250 |      |      |      |
| M7EH-0037-IAA | ARE48C5E-IAA |     |    |      |      |      |      | 2700 | 2980 |      |      |      |      |
| M7PH-0038-IAA | ARE48C5E-IAA |     |    |      |      |      |      | 2700 | 2980 |      |      |      |      |
| M7EH-H044-IAA | RRT62C1E-IAA |     |    |      | 2340 | 2630 | 2930 | 3260 | 3590 |      |      |      |      |
| M7EH-H044-IAV | RRT62C1E-IAV |     |    |      | 2340 | 2630 | 2930 | 3260 | 3590 |      |      |      |      |
| M7EH-H046-IAA | ARE54C5E-IAA |     |    |      |      | 2640 | 2940 | 3260 | 3580 |      |      |      |      |
| M7EH-H046-IAV | ARE54C5E-IAV |     |    |      |      | 2640 | 2940 | 3260 | 3580 |      |      |      |      |
| M7EH-H053-CAA | RRT64C1E-CAA |     |    |      | 2660 | 2980 | 3330 | 3680 |      |      |      |      |      |
| M7EH-H053-CAV | RRT64C1E-CAV |     |    |      | 2660 | 2980 | 3330 | 3680 |      |      |      |      |      |
| M7EH-H053-IAA | RRT64C1E-IAA |     |    |      | 2660 | 2980 | 3330 | 3680 |      |      |      |      |      |
| M7EH-H053-IAV | RRT64C1E-IAV |     |    |      | 2660 | 2980 | 3330 | 3680 |      |      |      |      |      |
| M7BH-0060-CAA | RRT64C1E-CAA |     |    | 2770 | 3160 | 3580 | 4030 | 4520 | 5020 | 5560 | 6120 | 6700 |      |
| M7BH-0060-CAV | RRT64C1E-CAV |     |    | 2770 | 3160 | 3580 | 4030 | 4520 | 5020 | 5560 | 6120 | 6700 |      |
| M7BH-0064-CAA | RRT73C1E-CAA |     |    | 3110 | 3550 | 4010 | 4490 | 5000 | 5530 | 6080 | 6660 | 7260 |      |
| M7BH-0064-CAV | RRT73C1E-CAV |     |    | 3110 | 3550 | 4010 | 4490 | 5000 | 5530 | 6080 | 6660 | 7260 |      |
| M7BH-0075-CFA | RRT81C1E-PFA |     |    | 3110 | 3600 | 4170 | 4810 | 5500 | 6210 | 6950 | 7680 |      |      |
| M7BH-0075-CFV | RRT81C1E-PFV |     |    | 3110 | 3600 | 4170 | 4810 | 5500 | 6210 | 6950 | 7680 |      |      |
| M7BH-0086-CFA | RRT10K1E-PFA |     |    |      | 4740 | 5280 | 5840 | 6410 | 6990 |      |      |      |      |
| M7BH-0086-CFV | RRT10K1E-PFV |     |    |      | 4740 | 5280 | 5840 | 6410 | 6990 |      |      |      |      |

Capacities rated at 40°F return gas (65°F return gas for capacities in **bold**), 5°F subcooling



# R-134a Condensate Base HT

# Copevap welded air-cooled condensing units

| Model         | Compressor   | -10         | -5          | 0           | 5           | 10          | 15          | 20          | 25          | 30          | 35          | 40          | 45           |
|---------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| 90° Ambient   |              |             |             |             |             |             |             |             |             |             |             |             |              |
| M7TH-0012-IAA | ARE13C4E-IAA |             |             | <b>626</b>  | <b>721</b>  | <b>825</b>  | <b>939</b>  | <b>1060</b> | <b>1200</b> | <b>1350</b> | <b>1500</b> | <b>1680</b> | <b>1860</b>  |
| M7PH-0012-IAA | ARE13C4E-IAA |             |             | <b>630</b>  | <b>727</b>  | <b>832</b>  | <b>948</b>  | <b>1070</b> | <b>1210</b> | <b>1360</b> | <b>1520</b> | <b>1700</b> | <b>1890</b>  |
| M7EH-H016-IAA | ARE17C4E-IAA |             |             | 756         | 869         | 992         | 1130        | 1270        | 1430        | 1610        |             |             |              |
| M7TH-0015-IAA | ARE17C4E-IAA |             |             | <b>775</b>  | <b>887</b>  | <b>1010</b> | <b>1140</b> | <b>1290</b> | <b>1440</b> | <b>1610</b> | <b>1790</b> | <b>1980</b> | <b>2190</b>  |
| M7PH-0015-IAA | ARE17C4E-IAA |             |             | <b>781</b>  | <b>895</b>  | <b>1020</b> | <b>1150</b> | <b>1300</b> | <b>1460</b> | <b>1630</b> | <b>1820</b> | <b>2010</b> | <b>2230</b>  |
| M7EH-H022-IAA | ARE25C4E-IAA |             |             | 1030        | 1180        | 1350        | 1520        | 1710        | 1920        | 2140        |             |             |              |
| M7TH-0020-IAA | ARE25C4E-IAA |             |             | <b>1060</b> | <b>1210</b> | <b>1370</b> | <b>1550</b> | <b>1730</b> | <b>1940</b> | <b>2150</b> | <b>2390</b> | <b>2640</b> | <b>2900</b>  |
| M7EH-0020-IAA | ARE25C4E-IAA |             |             | <b>1070</b> | <b>1230</b> | <b>1390</b> | <b>1570</b> | <b>1760</b> | <b>1970</b> | <b>2190</b> | <b>2430</b> | <b>2680</b> | <b>2960</b>  |
| M7PH-0020-IAA | ARE25C4E-IAA |             |             | <b>1070</b> | <b>1230</b> | <b>1390</b> | <b>1570</b> | <b>1760</b> | <b>1970</b> | <b>2190</b> | <b>2430</b> | <b>2680</b> | <b>2960</b>  |
| M7TH-0023-IAA | ARE29C4E-IAA |             |             | <b>1280</b> | <b>1440</b> | <b>1610</b> | <b>1800</b> | <b>2020</b> | <b>2250</b> | <b>2490</b> | <b>2750</b> | <b>3020</b> | <b>3300</b>  |
| M7TH-0025-IAA | ARE34C4E-IAA |             |             | <b>1290</b> | <b>1440</b> | <b>1610</b> | <b>1800</b> | <b>2020</b> | <b>2250</b> | <b>2500</b> | <b>2760</b> | <b>3040</b> | <b>3330</b>  |
| M7TH-0025-IAV | ARE34C4E-IAV |             |             | <b>1290</b> | <b>1440</b> | <b>1610</b> | <b>1800</b> | <b>2020</b> | <b>2250</b> | <b>2500</b> | <b>2760</b> | <b>3040</b> | <b>3330</b>  |
| M7EH-H026-IAA | ARE29C4E-IAA |             |             | 1270        | 1430        | 1610        | 1810        | 2040        | 2280        | 2540        |             |             |              |
| M7EH-0024-IAA | ARE29C4E-IAA |             |             | <b>1300</b> | <b>1450</b> | <b>1630</b> | <b>1830</b> | <b>2050</b> | <b>2290</b> | <b>2540</b> | <b>2810</b> | <b>3090</b> | <b>3390</b>  |
| M7PH-0024-IAA | ARE29C4E-IAA |             |             | <b>1300</b> | <b>1450</b> | <b>1630</b> | <b>1830</b> | <b>2050</b> | <b>2290</b> | <b>2540</b> | <b>2810</b> | <b>3090</b> | <b>3390</b>  |
| M7TH-0028-IAA | ARE35C5E-IAA |             |             | <b>1430</b> | <b>1620</b> | <b>1830</b> | <b>2070</b> | <b>2320</b> | <b>2590</b> | <b>2870</b> | <b>3170</b> | <b>3490</b> | <b>3830</b>  |
| M7EH-H032-IAA | ARE35C5E-IAA |             |             | 1410        | 1610        | 1830        | 2070        | 2330        | 2610        | 2910        |             |             |              |
| M7EH-0029-IAA | ARE35C5E-IAA |             |             | <b>1450</b> | <b>1640</b> | <b>1860</b> | <b>2100</b> | <b>2360</b> | <b>2640</b> | <b>2930</b> | <b>3240</b> | <b>3570</b> | <b>3920</b>  |
| M7PH-0029-IAA | ARE35C5E-IAA |             |             | <b>1450</b> | <b>1640</b> | <b>1860</b> | <b>2100</b> | <b>2360</b> | <b>2640</b> | <b>2930</b> | <b>3240</b> | <b>3570</b> | <b>3920</b>  |
| M7TH-0036-IAA | ARE48C5E-IAA |             |             | <b>1900</b> | <b>2170</b> | <b>2450</b> | <b>2740</b> | <b>3050</b> | <b>3370</b> | <b>3700</b> | <b>4050</b> | <b>4400</b> | <b>4770</b>  |
| M7TH-0036-IAV | ARE48C5E-IAV |             |             | <b>1900</b> | <b>2170</b> | <b>2450</b> | <b>2740</b> | <b>3050</b> | <b>3370</b> | <b>3700</b> | <b>4050</b> | <b>4400</b> | <b>4770</b>  |
| M7EH-H041-IAA | ARE48C5E-IAA |             |             | 1880        | 2150        | 2450        | 2760        | 3090        | 3430        | 3790        |             |             |              |
| M7EH-H041-IAV | ARE48C5E-IAV |             |             | 1880        | 2150        | 2450        | 2760        | 3090        | 3430        | 3790        |             |             |              |
| M7EH-0037-IAA | ARE48C5E-IAA |             |             | <b>1930</b> | <b>2200</b> | <b>2490</b> | <b>2800</b> | <b>3120</b> | <b>3450</b> | <b>3800</b> | <b>4170</b> | <b>4540</b> | <b>4930</b>  |
| M7PH-0038-IAA | ARE48C5E-IAA |             |             | <b>1930</b> | <b>2200</b> | <b>2490</b> | <b>2800</b> | <b>3120</b> | <b>3450</b> | <b>3800</b> | <b>4170</b> | <b>4540</b> | <b>4930</b>  |
| M7EH-H046-IAA | ARE54C5E-IAA |             |             | 2090        | 2400        | 2720        | 3060        | 3420        | 3800        | 4190        |             |             |              |
| M7EH-H046-IAV | ARE54C5E-IAV |             |             | 2090        | 2400        | 2720        | 3060        | 3420        | 3800        | 4190        |             |             |              |
| M7EH-0041-IAA | ARE54C5E-IAA |             |             | <b>2140</b> | <b>2450</b> | <b>2770</b> | <b>3110</b> | <b>3460</b> | <b>3830</b> | <b>4210</b> | <b>4590</b> | <b>4980</b> | <b>5380</b>  |
| M7PH-0042-IAA | ARE54C5E-IAA |             |             | <b>2140</b> | <b>2450</b> | <b>2770</b> | <b>3110</b> | <b>3460</b> | <b>3830</b> | <b>4210</b> | <b>4590</b> | <b>4980</b> | <b>5380</b>  |
| M7EH-H044-IAA | RRT62C1E-IAA |             | 1960        | 2210        | 2500        | 2810        | 3150        | 3510        | 3890        | 4280        |             |             |              |
| M7EH-H044-IAV | RRT62C1E-IAV |             | 1960        | 2210        | 2500        | 2810        | 3150        | 3510        | 3890        | 4280        |             |             |              |
| M7EH-H053-CAA | RRT64C1E-CAA |             | 2240        | 2540        | 2860        | 3220        | 3600        | 3990        | 4410        | 4850        |             |             |              |
| M7EH-H053-CAV | RRT64C1E-CAV |             | 2240        | 2540        | 2860        | 3220        | 3600        | 3990        | 4410        | 4850        |             |             |              |
| M7EH-H053-IAA | RRT64C1E-IAA |             | 2240        | 2540        | 2860        | 3220        | 3600        | 3990        | 4410        | 4850        |             |             |              |
| M7EH-H053-IAV | RRT64C1E-IAV |             | 2240        | 2540        | 2860        | 3220        | 3600        | 3990        | 4410        | 4850        |             |             |              |
| M7BH-0060-CAA | RRT64C1E-CAA | <b>2300</b> | <b>2620</b> | <b>2970</b> | <b>3360</b> | <b>3790</b> | <b>4260</b> | <b>4760</b> | <b>5290</b> | <b>5860</b> | <b>6440</b> | <b>7060</b> | <b>7690</b>  |
| M7BH-0060-CAV | RRT64C1E-CAV | <b>2300</b> | <b>2620</b> | <b>2970</b> | <b>3360</b> | <b>3790</b> | <b>4260</b> | <b>4760</b> | <b>5290</b> | <b>5860</b> | <b>6440</b> | <b>7060</b> | <b>7690</b>  |
| M7BH-0064-CAA | RRT73C1E-CAA | <b>2420</b> | <b>2850</b> | <b>3290</b> | <b>3760</b> | <b>4250</b> | <b>4770</b> | <b>5310</b> | <b>5890</b> | <b>6490</b> | <b>7130</b> | <b>7800</b> | <b>8490</b>  |
| M7BH-0064-CAV | RRT73C1E-CAV | <b>2420</b> | <b>2850</b> | <b>3290</b> | <b>3760</b> | <b>4250</b> | <b>4770</b> | <b>5310</b> | <b>5890</b> | <b>6490</b> | <b>7130</b> | <b>7800</b> | <b>8490</b>  |
| M7BH-0075-CFA | RRT81C1E-PFA |             | <b>3060</b> | <b>3480</b> | <b>4000</b> | <b>4600</b> | <b>5270</b> | <b>5980</b> | <b>6720</b> | <b>7470</b> | <b>8230</b> | <b>8980</b> | <b>9700</b>  |
| M7BH-0075-CFV | RRT81C1E-PFV |             | <b>3060</b> | <b>3480</b> | <b>4000</b> | <b>4600</b> | <b>5270</b> | <b>5980</b> | <b>6720</b> | <b>7470</b> | <b>8230</b> | <b>8980</b> | <b>9700</b>  |
| M7BH-0086-CFA | RRT10K1E-PFA |             | <b>3840</b> | <b>4430</b> | <b>5040</b> | <b>5660</b> | <b>6290</b> | <b>6940</b> | <b>7610</b> | <b>8300</b> | <b>9010</b> | <b>9750</b> | <b>10500</b> |
| M7BH-0086-CFV | RRT10K1E-PFV |             | <b>3840</b> | <b>4430</b> | <b>5040</b> | <b>5660</b> | <b>6290</b> | <b>6940</b> | <b>7610</b> | <b>8300</b> | <b>9010</b> | <b>9750</b> | <b>10500</b> |

Capacities rated at 40°F return gas (65°F return gas for capacities in **bold**), 5°F subcooling

# R-134a Condensate Base HT

# Copevap welded air-cooled condensing units

| Model         | Compressor   | -10 | -5 | 0    | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   |
|---------------|--------------|-----|----|------|------|------|------|------|------|------|------|------|------|
| 100° Ambient  |              |     |    |      |      |      |      |      |      |      |      |      |      |
| M7TH-0012-IAA | ARE13C4E-IAA |     |    | 574  | 663  | 760  | 867  | 982  | 1110 | 1250 | 1390 | 1550 | 1720 |
| M7PH-0012-IAA | ARE13C4E-IAA |     |    | 578  | 669  | 767  | 876  | 994  | 1120 | 1260 | 1410 | 1580 | 1750 |
| M7EH-H016-IAA | ARE17C4E-IAA |     |    | 697  | 802  | 918  | 1040 | 1180 | 1330 | 1490 |      |      |      |
| M7TH-0015-IAA | ARE17C4E-IAA |     |    | 717  | 822  | 936  | 1060 | 1200 | 1340 | 1500 | 1670 | 1850 | 2040 |
| M7PH-0015-IAA | ARE17C4E-IAA |     |    | 723  | 830  | 946  | 1070 | 1210 | 1360 | 1520 | 1700 | 1880 | 2080 |
| M7EH-H022-IAA | ARE25C4E-IAA |     |    | 955  | 1090 | 1250 | 1410 | 1590 | 1790 | 2000 |      |      |      |
| M7TH-0020-IAA | ARE25C4E-IAA |     |    | 985  | 1120 | 1270 | 1430 | 1610 | 1800 | 2000 | 2220 | 2460 | 2710 |
| M7EH-0020-IAA | ARE25C4E-IAA |     |    | 996  | 1140 | 1290 | 1450 | 1640 | 1830 | 2040 | 2270 | 2510 | 2770 |
| M7PH-0020-IAA | ARE25C4E-IAA |     |    | 996  | 1140 | 1290 | 1450 | 1640 | 1830 | 2040 | 2270 | 2510 | 2770 |
| M7TH-0023-IAA | ARE29C4E-IAA |     |    | 1190 | 1330 | 1490 | 1670 | 1860 | 2070 | 2300 | 2530 | 2780 | 3040 |
| M7TH-0025-IAA | ARE34C4E-IAA |     |    | 1190 | 1330 | 1480 | 1660 | 1860 | 2070 | 2310 | 2550 | 2810 | 3070 |
| M7TH-0025-IAV | ARE34C4E-IAV |     |    | 1190 | 1330 | 1480 | 1660 | 1860 | 2070 | 2310 | 2550 | 2810 | 3070 |
| M7EH-H026-IAA | ARE29C4E-IAA |     |    | 1180 | 1320 | 1490 | 1670 | 1880 | 2100 | 2340 |      |      |      |
| M7EH-0024-IAA | ARE29C4E-IAA |     |    | 1210 | 1350 | 1510 | 1700 | 1900 | 2120 | 2350 | 2600 | 2860 | 3130 |
| M7PH-0024-IAA | ARE29C4E-IAA |     |    | 1210 | 1350 | 1510 | 1700 | 1900 | 2120 | 2350 | 2600 | 2860 | 3130 |
| M7TH-0028-IAA | ARE35C5E-IAA |     |    | 1320 | 1510 | 1710 | 1930 | 2160 | 2420 | 2690 | 2970 | 3270 | 3590 |
| M7EH-H032-IAA | ARE35C5E-IAA |     |    | 1310 | 1490 | 1700 | 1930 | 2170 | 2440 | 2720 |      |      |      |
| M7EH-0029-IAA | ARE35C5E-IAA |     |    | 1340 | 1530 | 1740 | 1960 | 2200 | 2470 | 2740 | 3040 | 3350 | 3680 |
| M7PH-0029-IAA | ARE35C5E-IAA |     |    | 1340 | 1530 | 1740 | 1960 | 2200 | 2470 | 2740 | 3040 | 3350 | 3680 |
| M7TH-0036-IAA | ARE48C5E-IAA |     |    | 1790 | 2030 | 2290 | 2560 | 2840 | 3130 | 3440 | 3750 |      |      |
| M7TH-0036-IAV | ARE48C5E-IAV |     |    | 1790 | 2030 | 2290 | 2560 | 2840 | 3130 | 3440 | 3750 |      |      |
| M7EH-H041-IAA | ARE48C5E-IAA |     |    | 1750 | 2010 | 2280 | 2570 | 2870 | 3190 | 3520 |      |      |      |
| M7EH-H041-IAV | ARE48C5E-IAV |     |    | 1750 | 2010 | 2280 | 2570 | 2870 | 3190 | 3520 |      |      |      |
| M7EH-0037-IAA | ARE48C5E-IAA |     |    | 1810 | 2070 | 2330 | 2620 | 2910 | 3220 | 3540 | 3870 | 4210 |      |
| M7PH-0038-IAA | ARE48C5E-IAA |     |    | 1810 | 2070 | 2330 | 2620 | 2910 | 3220 | 3540 | 3870 | 4210 |      |
| M7EH-H046-IAA | ARE54C5E-IAA |     |    | 1930 | 2220 | 2530 | 2850 | 3190 | 3540 | 3890 |      |      |      |
| M7EH-H046-IAV | ARE54C5E-IAV |     |    | 1930 | 2220 | 2530 | 2850 | 3190 | 3540 | 3890 |      |      |      |
| M7EH-H044-IAA | RRT62C1E-IAA |     |    | 2030 | 2280 | 2570 | 2880 | 3210 | 3560 | 3930 |      |      |      |
| M7EH-H044-IAV | RRT62C1E-IAV |     |    | 2030 | 2280 | 2570 | 2880 | 3210 | 3560 | 3930 |      |      |      |
| M7EH-0041-IAA | ARE54C5E-IAA |     |    | 1990 | 2280 | 2590 | 2900 | 3230 | 3570 | 3910 | 4260 |      |      |
| M7PH-0042-IAA | ARE54C5E-IAA |     |    | 1990 | 2280 | 2590 | 2900 | 3230 | 3570 | 3910 | 4260 |      |      |
| M7EH-H053-CAA | RRT64C1E-CAA |     |    |      | 2610 | 2930 | 3280 | 3660 | 4040 | 4450 |      |      |      |
| M7EH-H053-CAV | RRT64C1E-CAV |     |    |      | 2610 | 2930 | 3280 | 3660 | 4040 | 4450 |      |      |      |
| M7EH-H053-IAA | RRT64C1E-IAA |     |    |      | 2610 | 2930 | 3280 | 3660 | 4040 | 4450 |      |      |      |
| M7EH-H053-IAV | RRT64C1E-IAV |     |    |      | 2610 | 2930 | 3280 | 3660 | 4040 | 4450 |      |      |      |
| M7BH-0060-CAA | RRT64C1E-CAA |     |    | 2680 | 3050 | 3460 | 3900 | 4380 | 4890 | 5420 | 5980 | 6560 | 7170 |
| M7BH-0060-CAV | RRT64C1E-CAV |     |    | 2680 | 3050 | 3460 | 3900 | 4380 | 4890 | 5420 | 5980 | 6560 | 7170 |
| M7BH-0064-CAA | RRT73C1E-CAA |     |    | 2970 | 3410 | 3890 | 4380 | 4900 | 5440 | 6010 | 6610 | 7230 | 7880 |
| M7BH-0064-CAV | RRT73C1E-CAV |     |    | 2970 | 3410 | 3890 | 4380 | 4900 | 5440 | 6010 | 6610 | 7230 | 7880 |
| M7BH-0075-CFA | RRT81C1E-PFA |     |    | 3080 | 3530 | 4090 | 4710 | 5390 | 6110 | 6850 | 7590 | 8340 | 9060 |
| M7BH-0075-CFV | RRT81C1E-PFV |     |    | 3080 | 3530 | 4090 | 4710 | 5390 | 6110 | 6850 | 7590 | 8340 | 9060 |
| M7BH-0086-CFA | RRT10K1E-PFA |     |    |      | 4620 | 5200 | 5790 | 6390 | 7010 | 7640 | 8300 | 8970 | 9670 |
| M7BH-0086-CFV | RRT10K1E-PFV |     |    |      | 4620 | 5200 | 5790 | 6390 | 7010 | 7640 | 8300 | 8970 | 9670 |

Capacities rated at 40°F return gas (65°F return gas for capacities in **bold**), 5°F subcooling

## R-290 Low Temp

## Copevap welded air-cooled condensing units

| Model         | Compressor   | -30  | -25  | -20  | -15  | -10  | -5   | 0    | 5    | 10   | 15   | 20   | 25   |
|---------------|--------------|------|------|------|------|------|------|------|------|------|------|------|------|
| 90° Ambient   |              |      |      |      |      |      |      |      |      |      |      |      |      |
| MUPL-0024-IAA | AFM06C1U-IAA |      | 678  | 763  | 856  | 960  | 1070 | 1200 | 1340 | 1490 | 1650 | 1830 | 2010 |
| MUPL-0029-IAA | AFF10C1U-IAA |      | 961  | 1080 | 1220 | 1370 | 1540 | 1720 | 1910 | 2120 | 2340 | 2580 | 2830 |
| MUPL-0041-IAA | AFF12C1U-IAA |      | 1170 | 1320 | 1480 | 1660 | 1850 | 2050 | 2260 | 2490 | 2720 | 2970 | 3240 |
| MUPL-0045-IAA | AFE15C5U-IAA | 1080 | 1240 | 1420 | 1600 | 1800 | 2020 | 2240 | 2480 | 2730 |      |      |      |
| MUPL-0057-IAA | AFE20C5U-IAA | 1390 | 1590 | 1810 | 2040 | 2290 | 2550 | 2820 | 3110 | 3420 |      |      |      |
| MUPL-0058-CAA | AFE20C5U-CAA | 1380 | 1580 | 1810 | 2050 | 2320 | 2600 | 2890 | 3200 | 3520 |      |      |      |
| MUPL-0070-CAA | AFE25C5U-CAA | 1700 | 1950 | 2220 | 2500 | 2800 | 3120 | 3450 | 3790 | 4140 |      |      |      |
| 100° Ambient  |              |      |      |      |      |      |      |      |      |      |      |      |      |
| MUPL-0024-IAA | AFM06C1U-IAA |      | 625  | 703  | 789  | 884  | 988  | 1100 | 1230 | 1360 | 1510 | 1670 | 1840 |
| MUPL-0029-IAA | AFF10C1U-IAA |      | 886  | 998  | 1120 | 1260 | 1410 | 1580 | 1760 | 1950 | 2150 | 2370 | 2590 |
| MUPL-0041-IAA | AFF12C1U-IAA |      | 1090 | 1230 | 1380 | 1550 | 1720 | 1910 | 2110 | 2330 | 2550 | 2780 | 3030 |
| MUPL-0045-IAA | AFE15C5U-IAA | 986  | 1130 | 1290 | 1460 | 1640 | 1840 | 2050 | 2270 | 2500 |      |      |      |
| MUPL-0057-IAA | AFE20C5U-IAA | 1260 | 1450 | 1650 | 1870 | 2100 | 2340 | 2600 | 2870 | 3150 |      |      |      |
| MUPL-0058-CAA | AFE20C5U-CAA | 1260 | 1440 | 1660 | 1890 | 2130 | 2390 | 2660 | 2940 | 3230 |      |      |      |
| MUPL-0070-CAA | AFE25C5U-CAA | 1560 | 1790 | 2030 | 2290 | 2560 | 2850 | 3130 | 3430 | 3730 |      |      |      |
| 110° Ambient  |              |      |      |      |      |      |      |      |      |      |      |      |      |
| MUPL-0024-IAA | AFM06C1U-IAA |      | 568  | 640  | 719  | 805  | 900  | 1000 | 1120 | 1240 | 1380 | 1520 | 1680 |
| MUPL-0029-IAA | AFF10C1U-IAA |      | 807  | 909  | 1020 | 1150 | 1290 | 1440 | 1600 | 1780 | 1960 | 2160 | 2370 |
| MUPL-0041-IAA | AFF12C1U-IAA |      |      | 1130 | 1280 | 1430 | 1600 | 1780 | 1970 | 2160 | 2370 | 2590 | 2820 |
| MUPL-0045-IAA | AFE15C5U-IAA |      | 1020 | 1160 | 1320 | 1490 | 1670 | 1870 | 2080 | 2300 |      |      |      |
| MUPL-0057-IAA | AFE20C5U-IAA | 1140 | 1310 | 1490 | 1690 | 1910 |      |      |      |      |      |      |      |
| MUPL-0058-CAA | AFE20C5U-CAA |      | 1320 | 1520 | 1730 | 1950 | 2190 | 2430 | 2680 | 2930 |      |      |      |
| MUPL-0070-CAA | AFE25C5U-CAA |      | 1630 | 1850 | 2070 | 2310 | 2550 | 2790 | 3030 |      |      |      |      |

Capacities rated at 40°F return gas, 5°F subcooling

# R-290 Medium Temp

# Copevap welded air-cooled condensing units

| Model         | Compressor   | -10  | -5   | 0    | 5    | 10   | 15   | 20   | 25   | 30   |
|---------------|--------------|------|------|------|------|------|------|------|------|------|
| 90° Ambient   |              |      |      |      |      |      |      |      |      |      |
| MUJM-0019-IAA | ASE12C4U-IAA | 861  | 969  | 1090 | 1220 | 1360 | 1500 | 1660 | 1820 |      |
| MUPM-0022-IAA | ASE12C4U-IAA | 922  | 1040 | 1160 | 1310 | 1460 | 1630 | 1800 | 1990 | 2190 |
| MUPM-0024-IAA | ASE17C4U-IAA | 1100 | 1220 | 1360 | 1510 | 1680 | 1860 | 2050 | 2250 | 2460 |
| MUPM-0031-IAA | ASE21C5U-IAA | 1290 | 1450 | 1630 | 1830 | 2040 | 2270 | 2510 | 2760 | 3030 |
| MUPM-0039-IAA | ASE32C4U-IAA | 1970 | 2170 | 2390 | 2640 | 2910 | 3200 | 3500 | 3800 | 4110 |
| MUPM-0047-IAA | ASE37C5U-IAA | 2140 | 2380 | 2630 | 2900 | 3190 | 3490 | 3800 | 4120 | 4460 |
| MUPM-0048-CAA | ASE37C5U-CAA | 2170 | 2410 | 2660 | 2940 | 3230 | 3540 | 3860 | 4190 | 4530 |
| 100° Ambient  |              |      |      |      |      |      |      |      |      |      |
| MUPM-0022-IAA | ASE12C4U-IAA | 828  | 939  | 1060 | 1190 | 1340 | 1490 | 1650 | 1830 | 2000 |
| MUPM-0024-IAA | ASE17C4U-IAA | 1010 | 1120 | 1250 | 1390 | 1540 | 1710 | 1880 | 2070 | 2260 |
| MUPM-0031-IAA | ASE21C5U-IAA | 1190 | 1340 | 1510 | 1700 | 1890 | 2100 | 2320 | 2550 | 2790 |
| MUPM-0039-IAA | ASE32C4U-IAA | 1770 | 1970 | 2190 | 2420 | 2670 | 2930 | 3200 | 3460 | 3720 |
| MUPM-0047-IAA | ASE37C5U-IAA | 1960 | 2180 | 2410 | 2660 | 2930 | 3210 |      |      |      |
| MUPM-0048-CAA | ASE37C5U-CAA | 2000 | 2210 | 2450 | 2700 | 2970 | 3250 |      |      |      |
| 100° Ambient  |              |      |      |      |      |      |      |      |      |      |
| MUPM-0022-IAA | ASE12C4U-IAA | 746  | 850  | 963  | 1090 | 1220 | 1360 | 1500 | 1660 | 1810 |
| MUPM-0024-IAA | ASE17C4U-IAA | 929  | 1030 | 1140 | 1270 | 1410 | 1560 | 1710 | 1880 | 2050 |
| MUPM-0031-IAA | ASE21C5U-IAA | 1100 | 1240 | 1390 | 1550 | 1720 | 1900 | 2090 |      |      |
| MUPM-0039-IAA | ASE32C4U-IAA | 1600 | 1790 | 1990 | 2210 | 2430 | 2660 | 2890 |      |      |
| MUPM-0047-IAA | ASE37C5U-IAA | 1780 | 1980 |      |      |      |      |      |      |      |
| MUPM-0048-CAA | ASE37C5U-CAA | 1830 | 2030 |      |      |      |      |      |      |      |

Capacities rated at 40°F return gas, 5°F subcooling



## R-404A Condensate Base LT/EMT

## Copevap welded air-cooled condensing units

| Model         | Compressor   | -30  | -25  | -20  | -15  | -10  | -5   | 0    | 5    | 10   | 15   | 20   | 25    | 30 |
|---------------|--------------|------|------|------|------|------|------|------|------|------|------|------|-------|----|
| 90° Ambient   |              |      |      |      |      |      |      |      |      |      |      |      |       |    |
| M6TL-0018-IAA | AFE06C4E-IAA | 512  | 582  | 661  | 748  | 842  | 943  | 1050 | 1160 | 1280 |      |      |       |    |
| M6TL-0022-IAA | AFE08C4E-IAA | 645  | 731  | 825  | 927  | 1030 | 1150 | 1270 | 1390 | 1520 |      |      |       |    |
| M6PL-0023-IAA | AFE08C4E-IAA | 651  | 739  | 834  | 939  | 1050 | 1170 | 1290 | 1420 | 1550 |      |      |       |    |
| M6TL-0029-IAA | AFE11C4E-IAA | 840  | 955  | 1080 | 1220 | 1370 | 1530 | 1700 | 1880 | 2060 |      |      |       |    |
| M6EL-0030-IAA | AFE11C4E-IAA | 853  | 971  | 1100 | 1240 | 1400 | 1560 | 1740 | 1920 | 2110 |      |      |       |    |
| M6PL-0030-IAA | AFE11C4E-IAA | 853  | 971  | 1100 | 1240 | 1400 | 1560 | 1740 | 1920 | 2110 |      |      |       |    |
| M6EL-H032-IAA | AFE11C4E-IAA | 872  | 993  | 1130 | 1270 | 1430 | 1600 | 1790 | 1980 | 2170 |      |      |       |    |
| M6TL-0037-IAA | AFE13C4E-IAA | 1100 | 1250 | 1410 | 1580 | 1760 | 1950 | 2150 | 2350 | 2560 |      |      |       |    |
| M6EL-0038-IAA | AFE13C4E-IAA | 1120 | 1270 | 1430 | 1610 | 1800 | 2000 | 2200 | 2420 | 2640 |      |      |       |    |
| M6PL-0038-IAA | AFE13C4E-IAA | 1120 | 1270 | 1430 | 1610 | 1800 | 2000 | 2200 | 2420 | 2640 |      |      |       |    |
| M6EL-H042-IAA | AFE13C4E-IAA | 1140 | 1300 | 1470 | 1650 | 1850 | 2060 | 2280 | 2500 | 2740 |      |      |       |    |
| M6TL-0040-IAA | AFE14C5E-IAA | 1160 | 1330 | 1500 | 1690 | 1880 | 2090 | 2310 | 2530 | 2760 |      |      |       |    |
| M6TL-0040-IAV | AFE14C5E-IAV | 1160 | 1330 | 1500 | 1690 | 1880 | 2090 | 2310 | 2530 | 2760 |      |      |       |    |
| M6EL-0041-IAA | AFE14C5E-IAA | 1190 | 1350 | 1530 | 1730 | 1930 | 2150 | 2370 | 2610 | 2860 |      |      |       |    |
| M6PL-0041-IAA | AFE14C5E-IAA | 1190 | 1350 | 1530 | 1730 | 1930 | 2150 | 2370 | 2610 | 2860 |      |      |       |    |
| M6EL-H043-IAA | AFE14C5E-IAA | 1220 | 1390 | 1580 | 1780 | 1990 | 2220 | 2460 | 2720 | 2980 |      |      |       |    |
| M6EL-H043-IAV | AFE14C5E-IAV | 1220 | 1390 | 1580 | 1780 | 1990 | 2220 | 2460 | 2720 | 2980 |      |      |       |    |
| M6EL-H054-CAA | AFE17C4E-CAA | 1400 | 1590 | 1790 | 2010 | 2240 | 2490 | 2740 | 3000 | 3270 |      |      |       |    |
| M6EL-H054-IAA | AFE17C4E-IAA | 1400 | 1590 | 1790 | 2010 | 2240 | 2490 | 2740 | 3000 | 3270 |      |      |       |    |
| M6EL-H054-IAV | AFE17C4E-IAV | 1400 | 1590 | 1790 | 2010 | 2240 | 2490 | 2740 | 3000 | 3270 |      |      |       |    |
| M6EL-0048-CAA | AFE17C4E-CAA | 1440 | 1640 | 1840 | 2070 | 2300 | 2550 | 2800 | 3060 | 3320 |      |      |       |    |
| M6EL-0052-IAA | AFE20C5E-IAA | 1550 | 1770 | 2000 | 2240 | 2490 | 2740 | 3010 | 3270 | 3540 |      |      |       |    |
| M6PL-0052-IAA | AFE20C5E-IAA | 1550 | 1770 | 2000 | 2240 | 2490 | 2740 | 3010 | 3270 | 3540 |      |      |       |    |
| M6EL-H056-IAA | AFE20C5E-IAA | 1600 | 1830 | 2070 | 2330 | 2600 | 2880 | 3170 | 3470 | 3780 |      |      |       |    |
| M6EL-H056-IAV | AFE20C5E-IAV | 1600 | 1830 | 2070 | 2330 | 2600 | 2880 | 3170 | 3470 | 3780 |      |      |       |    |
| M6EP-H056-CAA | RST45C1E-CAA | 1540 | 1790 | 2050 | 2340 | 2640 | 2960 | 3290 | 3630 | 3970 | 4320 | 4660 | 5000  |    |
| M6EP-H056-IAA | RST45C1E-IAA | 1540 | 1790 | 2050 | 2340 | 2640 | 2960 | 3290 | 3630 | 3970 | 4320 | 4660 | 5000  |    |
| M6BP-0064-CAA | RST45C1E-CAA | 1470 | 1840 | 2220 | 2600 | 2980 | 3380 | 3790 | 4200 | 4640 | 5090 | 5560 | 6050  |    |
| M6BP-0064-CAV | RST45C1E-CAV | 1470 | 1840 | 2220 | 2600 | 2980 | 3380 | 3790 | 4200 | 4640 | 5090 | 5560 | 6050  |    |
| M6PL-0060-CAV | AFE23C5E-CAV | 2000 | 2270 | 2550 | 2850 | 3170 | 3500 | 3500 | 3500 | 3500 |      |      |       |    |
| M6EL-0068-CAA | AFE26C5E-CAA | 2170 | 2460 | 2770 | 3090 | 3420 | 3770 | 3770 | 3770 | 3770 |      |      |       |    |
| M6BP-0075-CAA | RST55C1E-CAA | 2300 | 2590 | 2920 | 3290 | 3690 | 4130 | 4590 | 5080 | 5590 | 6120 | 6660 | 7210  |    |
| M6BP-0075-CAV | RST55C1E-CAV | 2300 | 2590 | 2920 | 3290 | 3690 | 4130 | 4590 | 5080 | 5590 | 6120 | 6660 | 7210  |    |
| M6BP-0092-CAV | RST64C1E-CAV | 2660 | 3110 | 3580 | 4050 | 4540 | 5040 | 5560 | 6090 | 6630 | 7190 | 7750 | 8330  |    |
| M6BP-0092-CFA | RST64C1E-CFA | 2660 | 3110 | 3580 | 4050 | 4540 | 5040 | 5560 | 6090 | 6630 | 7190 | 7750 | 8330  |    |
| M6BP-0096-CFV | RST70C1E-PFV | 2620 | 3080 | 3570 | 4100 | 4650 | 5230 | 5820 | 6430 | 7050 | 7680 | 8310 | 8940  |    |
| M6BP-0106-CFV | RST80C1E-PFV | 3150 | 3650 | 4170 | 4720 | 5300 | 5900 | 6520 | 7160 | 7810 | 8460 | 9120 | 9800  |    |
| M6BL-0123-CFA | RFT42C1E-PFA | 2840 | 3310 | 3820 | 4350 | 4900 | 5470 | 6040 | 6630 | 7210 |      |      |       |    |
| M6BL-0123-CFV | RFT42C1E-PFV | 2840 | 3310 | 3820 | 4350 | 4900 | 5470 | 6040 | 6630 | 7210 |      |      |       |    |
| M6BP-0116-CFV | RST97C1E-PFV | 3580 | 4090 | 4650 | 5260 | 5900 | 6560 | 7240 | 7920 | 8590 | 9240 | 9890 | 10500 |    |

Capacities rated at 40°F return gas, 5°F subcooling



# R-404A Condensate Base LT/EMT

# Copevap welded air-cooled condensing units

| Model         | Compressor   | -30  | -25  | -20  | -15  | -10  | -5   | 0    | 5    | 10   | 15   | 20   | 25   | 30 |
|---------------|--------------|------|------|------|------|------|------|------|------|------|------|------|------|----|
| 100° Ambient  |              |      |      |      |      |      |      |      |      |      |      |      |      |    |
| M6TL-0018-IAA | AFE06C4E-IAA | 466  | 531  | 604  | 683  | 768  | 859  | 956  | 1060 | 1160 |      |      |      |    |
| M6TL-0022-IAA | AFE08C4E-IAA | 589  | 667  | 752  | 844  | 941  | 1040 | 1150 | 1260 | 1370 |      |      |      |    |
| M6PL-0023-IAA | AFE08C4E-IAA | 592  | 673  | 761  | 855  | 956  | 1060 | 1170 | 1290 | 1400 |      |      |      |    |
| M6TL-0029-IAA | AFE11C4E-IAA | 754  | 861  | 977  | 1100 | 1240 | 1380 | 1530 | 1680 | 1840 |      |      |      |    |
| M6EL-0030-IAA | AFE11C4E-IAA | 762  | 872  | 993  | 1120 | 1270 | 1410 | 1570 | 1730 | 1900 |      |      |      |    |
| M6PL-0030-IAA | AFE11C4E-IAA | 762  | 872  | 993  | 1120 | 1270 | 1410 | 1570 | 1730 | 1900 |      |      |      |    |
| M6EL-H032-IAA | AFE11C4E-IAA | 767  | 881  | 1010 | 1140 | 1290 | 1450 | 1620 | 1800 | 1980 |      |      |      |    |
| M6TL-0037-IAA | AFE13C4E-IAA | 985  | 1120 | 1270 | 1420 | 1590 | 1760 | 1930 | 2110 | 2290 |      |      |      |    |
| M6EL-0038-IAA | AFE13C4E-IAA | 1000 | 1150 | 1300 | 1460 | 1630 | 1810 | 2000 | 2190 | 2380 |      |      |      |    |
| M6PL-0038-IAA | AFE13C4E-IAA | 1000 | 1150 | 1300 | 1460 | 1630 | 1810 | 2000 | 2190 | 2380 |      |      |      |    |
| M6EL-H042-IAA | AFE13C4E-IAA | 1020 | 1170 | 1330 | 1500 | 1690 | 1880 | 2090 | 2300 | 2510 |      |      |      |    |
| M6TL-0040-IAA | AFE14C5E-IAA | 1040 | 1190 | 1340 | 1500 | 1670 | 1850 | 2040 | 2230 | 2430 |      |      |      |    |
| M6TL-0040-IAV | AFE14C5E-IAV | 1040 | 1190 | 1340 | 1500 | 1670 | 1850 | 2040 | 2230 | 2430 |      |      |      |    |
| M6EL-0041-IAA | AFE14C5E-IAA | 1060 | 1210 | 1380 | 1550 | 1730 | 1920 | 2120 | 2330 | 2550 |      |      |      |    |
| M6PL-0041-IAA | AFE14C5E-IAA | 1060 | 1210 | 1380 | 1550 | 1730 | 1920 | 2120 | 2330 | 2550 |      |      |      |    |
| M6EL-H043-IAA | AFE14C5E-IAA | 1080 | 1240 | 1420 | 1600 | 1800 | 2010 | 2230 | 2470 | 2720 |      |      |      |    |
| M6EL-H043-IAV | AFE14C5E-IAV | 1080 | 1240 | 1420 | 1600 | 1800 | 2010 | 2230 | 2470 | 2720 |      |      |      |    |
| M6EL-H054-CAA | AFE17C4E-CAA | 1250 | 1420 | 1610 | 1810 | 2020 | 2240 | 2480 | 2710 | 2950 |      |      |      |    |
| M6EL-H054-IAA | AFE17C4E-IAA | 1250 | 1420 | 1610 | 1810 | 2020 | 2240 | 2480 | 2710 | 2950 |      |      |      |    |
| M6EL-H054-IAV | AFE17C4E-IAV | 1250 | 1420 | 1610 | 1810 | 2020 | 2240 | 2480 | 2710 | 2950 |      |      |      |    |
| M6EL-0048-CAA | AFE17C4E-CAA | 1290 | 1460 | 1650 | 1850 | 2050 | 2270 | 2490 | 2720 | 2950 |      |      |      |    |
| M6EL-0052-IAA | AFE20C5E-IAA | 1390 | 1580 | 1780 | 1990 | 2210 | 2430 | 2650 | 2870 | 3100 |      |      |      |    |
| M6PL-0052-IAA | AFE20C5E-IAA | 1390 | 1580 | 1780 | 1990 | 2210 | 2430 | 2650 | 2870 | 3100 |      |      |      |    |
| M6EP-H056-CAA | RST45C1E-CAA | 1310 | 1540 | 1780 | 2050 | 2330 | 2620 | 2920 | 3230 | 3540 | 3850 | 4150 | 4440 |    |
| M6EP-H056-IAA | RST45C1E-IAA | 1310 | 1540 | 1780 | 2050 | 2330 | 2620 | 2920 | 3230 | 3540 | 3850 | 4150 | 4440 |    |
| M6EL-H056-IAA | AFE20C5E-IAA | 1430 | 1640 | 1860 | 2100 | 2340 | 2600 | 2860 | 3120 | 3390 |      |      |      |    |
| M6EL-H056-IAV | AFE20C5E-IAV | 1430 | 1640 | 1860 | 2100 | 2340 | 2600 | 2860 | 3120 | 3390 |      |      |      |    |
| M6BP-0064-CAA | RST45C1E-CAA | 1220 | 1590 | 1940 | 2300 | 2660 | 3030 | 3400 | 3790 | 4180 | 4590 | 5020 | 5460 |    |
| M6BP-0064-CAV | RST45C1E-CAV | 1220 | 1590 | 1940 | 2300 | 2660 | 3030 | 3400 | 3790 | 4180 | 4590 | 5020 | 5460 |    |
| M6PL-0060-CAV | AFE23C5E-CAV | 1820 | 2070 | 2320 | 2590 | 2870 | 3170 | 3170 | 3170 | 3170 |      |      |      |    |
| M6EL-0068-CAA | AFE26C5E-CAA | 1970 | 2230 | 2510 | 2800 | 3100 | 3410 | 3410 | 3410 | 3410 |      |      |      |    |
| M6BP-0075-CAA | RST55C1E-CAA | 2000 | 2250 | 2540 | 2870 | 3240 | 3640 | 4070 | 4520 | 4990 | 5480 | 5980 | 6490 |    |
| M6BP-0075-CAV | RST55C1E-CAV | 2000 | 2250 | 2540 | 2870 | 3240 | 3640 | 4070 | 4520 | 4990 | 5480 | 5980 | 6490 |    |
| M6BP-0092-CAV | RST64C1E-CAV | 2340 | 2760 | 3190 | 3630 | 4080 | 4540 | 5010 | 5490 | 5980 | 6480 | 6980 | 7490 |    |
| M6BP-0092-CFA | RST64C1E-CFA | 2340 | 2760 | 3190 | 3630 | 4080 | 4540 | 5010 | 5490 | 5980 | 6480 | 6980 | 7490 |    |
| M6BP-0096-CFV | RST70C1E-PFV | 2240 | 2670 | 3140 | 3630 | 4150 | 4690 | 5240 | 5800 | 6370 | 6930 | 7490 | 8050 |    |
| M6BP-0106-CFV | RST80C1E-PFV | 2750 | 3190 | 3670 | 4180 | 4710 | 5260 | 5830 | 6410 | 7000 | 7590 | 8180 | 8760 |    |
| M6BL-0123-CFA | RFT42C1E-PFA | 2520 | 2960 | 3420 | 3900 | 4400 | 4900 | 5420 | 5940 | 6450 |      |      |      |    |
| M6BL-0123-CFV | RFT42C1E-PFV | 2520 | 2960 | 3420 | 3900 | 4400 | 4900 | 5420 | 5940 | 6450 |      |      |      |    |
| M6BP-0116-CFV | RST97C1E-PFV | 3110 | 3580 | 4100 | 4660 | 5250 | 5860 | 6480 | 7100 | 7690 | 8260 | 8800 | 9300 |    |

Capacities rated at 40°F return gas, 5°F subcooling

# R-404A Condensate Base LT/EMT

# Copevap welded air-cooled condensing units

| Model         | Compressor   | -30 | -25  | -20  | -15  | -10  | -5   | 0    | 5    | 10   | 15   | 20   | 25   | 30   |
|---------------|--------------|-----|------|------|------|------|------|------|------|------|------|------|------|------|
| 110° Ambient  |              |     |      |      |      |      |      |      |      |      |      |      |      |      |
| M6TL-0018-IAA | AFE06C4E-IAA |     | 410  | 470  | 535  | 607  | 685  | 768  | 855  | 946  | 1040 |      |      |      |
| M6TL-0022-IAA | AFE08C4E-IAA |     | 493  | 571  | 653  | 741  | 834  | 930  | 1030 | 1130 | 1230 |      |      |      |
| M6PL-0023-IAA | AFE08C4E-IAA |     | 508  | 586  | 670  | 759  | 853  | 952  | 1050 | 1160 | 1260 |      |      |      |
| M6TL-0029-IAA | AFE11C4E-IAA |     |      | 766  | 873  | 987  | 1110 | 1240 | 1370 | 1500 | 1640 |      |      |      |
| M6EL-0030-IAA | AFE11C4E-IAA |     | 681  | 781  | 891  | 1010 | 1130 | 1270 | 1410 | 1550 | 1690 |      |      |      |
| M6PL-0030-IAA | AFE11C4E-IAA |     | 681  | 781  | 891  | 1010 | 1130 | 1270 | 1410 | 1550 | 1690 |      |      |      |
| M6EL-H032-IAA | AFE11C4E-IAA |     | 686  | 790  | 904  | 1030 | 1160 | 1310 | 1460 | 1610 | 1780 |      |      |      |
| M6TL-0037-IAA | AFE13C4E-IAA |     |      | 1000 | 1140 | 1280 | 1430 | 1580 | 1730 | 1880 | 2030 |      |      |      |
| M6EL-0038-IAA | AFE13C4E-IAA |     |      | 1030 | 1170 | 1310 | 1470 | 1630 | 1790 | 1950 | 2120 |      |      |      |
| M6PL-0038-IAA | AFE13C4E-IAA |     |      | 1030 | 1170 | 1310 | 1470 | 1630 | 1790 | 1950 | 2120 |      |      |      |
| M6TL-0040-IAA | AFE14C5E-IAA |     |      | 1040 | 1180 | 1320 | 1470 | 1630 | 1790 | 1950 | 2120 |      |      |      |
| M6TL-0040-IAV | AFE14C5E-IAV |     |      | 1040 | 1180 | 1320 | 1470 | 1630 | 1790 | 1950 | 2120 |      |      |      |
| M6EL-H042-IAA | AFE13C4E-IAA |     | 911  | 1050 | 1200 | 1360 | 1520 | 1700 | 1880 | 2070 | 2260 |      |      |      |
| M6EL-0041-IAA | AFE14C5E-IAA |     |      | 1070 | 1210 | 1370 | 1520 | 1690 | 1860 | 2040 | 2230 |      |      |      |
| M6PL-0041-IAA | AFE14C5E-IAA |     |      | 1070 | 1210 | 1370 | 1520 | 1690 | 1860 | 2040 | 2230 |      |      |      |
| M6EL-H043-IAA | AFE14C5E-IAA |     | 953  | 1100 | 1250 | 1420 | 1600 | 1790 | 1980 | 2190 | 2410 |      |      |      |
| M6EL-H043-IAV | AFE14C5E-IAV |     | 953  | 1100 | 1250 | 1420 | 1600 | 1790 | 1980 | 2190 | 2410 |      |      |      |
| M6EL-H054-CAA | AFE17C4E-CAA |     |      | 1260 | 1420 | 1600 | 1790 | 1980 | 2180 | 2380 | 2580 |      |      |      |
| M6EL-H054-IAA | AFE17C4E-IAA |     |      | 1260 | 1420 | 1600 | 1790 | 1980 | 2180 | 2380 | 2580 |      |      |      |
| M6EL-H054-IAV | AFE17C4E-IAV |     |      | 1260 | 1420 | 1600 | 1790 | 1980 | 2180 | 2380 | 2580 |      |      |      |
| M6EL-0048-CAA | AFE17C4E-CAA |     |      | 1290 | 1460 | 1630 | 1820 | 2000 | 2200 | 2390 | 2580 |      |      |      |
| M6EL-0052-IAA | AFE20C5E-IAA |     |      | 1390 | 1570 | 1740 | 1920 | 2110 | 2290 | 2460 |      |      |      |      |
| M6PL-0052-IAA | AFE20C5E-IAA |     |      | 1390 | 1570 | 1740 | 1920 | 2110 | 2290 | 2460 |      |      |      |      |
| M6EP-H056-CAA | RST45C1E-CAA |     |      | 1300 | 1520 | 1760 | 2010 | 2270 | 2530 | 2800 | 3070 | 3330 | 3590 |      |
| M6EP-H056-IAA | RST45C1E-IAA |     |      | 1300 | 1520 | 1760 | 2010 | 2270 | 2530 | 2800 | 3070 | 3330 | 3590 |      |
| M6EL-H056-IAA | AFE20C5E-IAA |     |      | 1460 | 1650 | 1850 | 2060 | 2280 | 2500 | 2730 | 2950 |      |      |      |
| M6EL-H056-IAV | AFE20C5E-IAV |     |      | 1460 | 1650 | 1850 | 2060 | 2280 | 2500 | 2730 | 2950 |      |      |      |
| M6BP-0064-CAA | RST45C1E-CAA |     | 996  | 1340 | 1680 | 2010 | 2340 | 2670 | 3010 | 3350 | 3700 | 4070 | 4440 | 4830 |
| M6BP-0064-CAV | RST45C1E-CAV |     | 996  | 1340 | 1680 | 2010 | 2340 | 2670 | 3010 | 3350 | 3700 | 4070 | 4440 | 4830 |
| M6PL-0060-CAV | AFE23C5E-CAV |     |      |      | 2080 | 2320 | 2570 | 2820 | 2820 | 2820 |      |      |      |      |
| M6BP-0075-CAA | RST55C1E-CAA |     | 1730 | 1940 | 2190 | 2490 | 2810 | 3170 | 3550 | 3960 | 4390 | 4830 | 5280 | 5740 |
| M6BP-0075-CAV | RST55C1E-CAV |     | 1730 | 1940 | 2190 | 2490 | 2810 | 3170 | 3550 | 3960 | 4390 | 4830 | 5280 | 5740 |
| M6EL-0068-CAA | AFE26C5E-CAA |     |      |      |      | 2500 | 2770 |      |      |      |      |      |      |      |
| M6BP-0096-CFV | RST70C1E-PFV |     |      | 2250 | 2680 | 3140 | 3620 | 4100 | 4600 | 5100 | 5600 | 6090 | 6560 | 7010 |
| M6BP-0092-CAV | RST64C1E-CAV |     |      | 2390 | 2780 | 3180 | 3590 | 4000 | 4410 | 4830 | 5250 | 5680 | 6090 | 6480 |
| M6BP-0092-CFA | RST64C1E-CFA |     |      | 2390 | 2780 | 3180 | 3590 | 4000 | 4410 | 4830 | 5250 | 5680 | 6090 | 6480 |
| M6BP-0106-CFV | RST80C1E-PFV |     |      | 2780 | 3200 | 3640 | 4110 | 4600 | 5100 | 5600 | 6110 | 6600 | 7090 |      |
| M6BL-0123-CFA | RFT42C1E-PFA |     | 2610 | 3020 | 3440 | 3870 | 4310 | 4750 | 5180 | 5600 |      |      |      |      |
| M6BL-0123-CFV | RFT42C1E-PFV |     | 2610 | 3020 | 3440 | 3870 | 4310 | 4750 | 5180 | 5600 |      |      |      |      |
| M6BP-0116-CFV | RST97C1E-PFV |     |      | 3080 | 3550 | 4050 | 4580 | 5120 | 5670 | 6190 | 6680 |      |      |      |

Capacities rated at 40°F return gas, 5°F subcooling

## R-404A Condensate Base MT

## Copevap welded air-cooled condensing units

| Model         | Compressor   | -10  | -5   | 0    | 5    | 10   | 15   | 20   | 25   | 30   |
|---------------|--------------|------|------|------|------|------|------|------|------|------|
| 90° Ambient   |              |      |      |      |      |      |      |      |      |      |
| M6TM-0020-IAA | ASE12C4E-IAA | 841  | 950  | 1070 | 1200 | 1350 | 1500 | 1660 | 1830 | 2010 |
| M6PM-0020-IAA | ASE12C4E-IAA | 855  | 967  | 1090 | 1230 | 1370 | 1530 | 1700 | 1880 | 2060 |
| M6EM-H022-IAA | ASE12C4E-IAA | 875  | 989  | 1120 | 1260 | 1410 | 1570 | 1750 | 1940 | 2130 |
| M6TM-0022-IAA | ASE14C4E-IAA | 1040 | 1160 | 1300 | 1450 | 1600 | 1760 | 1940 | 2120 | 2310 |
| M6PM-0023-IAA | ASE14C4E-IAA | 1060 | 1190 | 1320 | 1470 | 1640 | 1810 | 1990 | 2180 | 2380 |
| M6EM-H026-IAA | ASE14C4E-IAA | 1080 | 1210 | 1360 | 1510 | 1680 | 1860 | 2060 | 2260 | 2480 |
| M6TM-0027-IAA | ASE20C4E-IAA | 1190 | 1410 | 1610 | 1800 | 1990 | 2170 | 2360 | 2550 | 2760 |
| M6TM-0027-IAV | ASE20C4E-IAV | 1190 | 1410 | 1610 | 1800 | 1990 | 2170 | 2360 | 2550 | 2760 |
| M6PM-0028-CAA | ASE20C4E-CAA | 1190 | 1420 | 1640 | 1840 | 2040 | 2230 | 2430 | 2650 | 2870 |
| M6PM-0028-IAA | ASE20C4E-IAA | 1190 | 1420 | 1640 | 1840 | 2040 | 2230 | 2430 | 2650 | 2870 |
| M6TM-0028-IAA | ASE24C5E-IAA | 1260 | 1520 | 1740 | 1940 | 2120 | 2320 | 2540 | 2790 | 3090 |
| M6PM-0030-IAA | ASE24C5E-IAA | 1290 | 1560 | 1790 | 1990 | 2180 | 2390 | 2620 | 2890 | 3210 |
| M6EM-H032-CAA | ASE20C4E-CAA | 1440 | 1560 | 1720 | 1910 | 2130 | 2370 | 2630 | 2890 | 3150 |
| M6EM-H034-IAA | ASE24C5E-IAA | 1340 | 1610 | 1840 | 2050 | 2260 | 2480 | 2730 | 3030 | 3390 |
| M6TM-0032-IAA | ASE28C5E-IAA | 1840 | 1900 | 2010 | 2180 | 2390 | 2640 | 2930 | 3260 | 3600 |
| M6TM-0032-IAV | ASE28C5E-IAV | 1840 | 1900 | 2010 | 2180 | 2390 | 2640 | 2930 | 3260 | 3600 |
| M6EM-H040-IAA | ASE28C5E-IAA | 1960 | 2030 | 2150 | 2340 | 2580 | 2870 | 3200 | 3580 | 4000 |
| M6EM-H051-IAA | ASE39C5E-IAA | 2550 | 2670 | 2860 | 3100 | 3390 | 3720 | 4090 | 4480 | 4890 |
| 100° Ambient  |              |      |      |      |      |      |      |      |      |      |
| M6TM-0020-IAA | ASE12C4E-IAA | 749  | 848  | 957  | 1080 | 1200 | 1340 | 1480 | 1620 | 1780 |
| M6PM-0020-IAA | ASE12C4E-IAA | 757  | 860  | 973  | 1100 | 1230 | 1370 | 1520 | 1680 | 1840 |
| M6EM-H022-IAA | ASE12C4E-IAA | 762  | 868  | 987  | 1120 | 1260 | 1410 | 1570 | 1740 | 1920 |
| M6TM-0022-IAA | ASE14C4E-IAA |      | 1050 | 1170 | 1290 | 1430 | 1570 | 1720 | 1880 | 2040 |
| M6PM-0023-IAA | ASE14C4E-IAA |      | 1070 | 1190 | 1330 | 1470 | 1620 | 1780 | 1950 | 2130 |
| M6EM-H026-IAA | ASE14C4E-IAA | 965  | 1090 | 1220 | 1360 | 1510 | 1680 | 1850 | 2040 | 2230 |
| M6TM-0027-IAA | ASE20C4E-IAA |      | 1350 | 1510 | 1650 | 1780 | 1920 | 2060 | 2210 | 2380 |
| M6TM-0027-IAV | ASE20C4E-IAV |      | 1350 | 1510 | 1650 | 1780 | 1920 | 2060 | 2210 | 2380 |
| M6PM-0028-CAA | ASE20C4E-CAA |      | 1360 | 1530 | 1690 | 1840 | 2000 | 2160 | 2330 | 2510 |
| M6PM-0028-IAA | ASE20C4E-IAA |      | 1360 | 1530 | 1690 | 1840 | 2000 | 2160 | 2330 | 2510 |
| M6TM-0028-IAA | ASE24C5E-IAA |      | 1340 | 1550 | 1720 | 1880 | 2050 | 2230 | 2440 | 2690 |
| M6PM-0030-IAA | ASE24C5E-IAA |      | 1380 | 1600 | 1780 | 1950 | 2130 | 2330 | 2560 | 2840 |
| M6EM-H032-CAA | ASE20C4E-CAA |      | 1400 | 1540 | 1710 | 1910 | 2130 | 2370 | 2610 | 2850 |
| M6EM-H034-IAA | ASE24C5E-IAA |      | 1430 | 1650 | 1850 | 2040 | 2240 | 2470 | 2730 | 3050 |
| M6TM-0032-IAA | ASE28C5E-IAA |      |      | 1770 | 1910 | 2090 | 2310 | 2560 | 2840 | 3140 |
| M6TM-0032-IAV | ASE28C5E-IAV |      |      | 1770 | 1910 | 2090 | 2310 | 2560 | 2840 | 3140 |
| M6EM-H040-IAA | ASE28C5E-IAA |      | 1830 | 1940 | 2100 | 2320 | 2580 | 2890 | 3240 | 3620 |
| M6EM-H051-IAA | ASE39C5E-IAA |      |      | 2590 | 2810 | 3070 | 3370 | 3690 | 4030 | 4370 |
| 110° Ambient  |              |      |      |      |      |      |      |      |      |      |
| M6TM-0020-IAA | ASE12C4E-IAA |      |      | 841  | 947  | 1060 | 1180 | 1300 | 1430 | 1560 |
| M6PM-0020-IAA | ASE12C4E-IAA |      |      | 861  | 970  | 1090 | 1210 | 1340 | 1480 | 1620 |
| M6EM-H022-IAA | ASE12C4E-IAA |      |      | 874  | 990  | 1120 | 1250 | 1390 | 1540 | 1700 |
| M6TM-0022-IAA | ASE14C4E-IAA |      |      | 1040 | 1150 | 1270 | 1390 | 1530 | 1670 | 1810 |
| M6PM-0023-IAA | ASE14C4E-IAA |      |      | 1060 | 1180 | 1310 | 1440 | 1580 | 1720 | 1880 |
| M6EM-H026-IAA | ASE14C4E-IAA |      |      | 1090 | 1220 | 1350 | 1500 | 1650 | 1810 | 1990 |
| M6TM-0027-IAA | ASE20C4E-IAA |      |      |      | 1510 | 1600 | 1700 | 1790 | 1900 | 2030 |
| M6TM-0027-IAV | ASE20C4E-IAV |      |      |      | 1510 | 1600 | 1700 | 1790 | 1900 | 2030 |
| M6PM-0028-CAA | ASE20C4E-CAA |      |      |      | 1550 | 1650 | 1760 | 1870 | 2000 | 2140 |
| M6PM-0028-IAA | ASE20C4E-IAA |      |      |      | 1550 | 1650 | 1760 | 1870 | 2000 | 2140 |
| M6TM-0028-IAA | ASE24C5E-IAA |      |      |      | 1530 | 1670 | 1810 | 1960 | 2130 | 2350 |
| M6PM-0030-IAA | ASE24C5E-IAA |      |      |      | 1580 | 1730 | 1880 | 2040 | 2230 | 2460 |
| M6EM-H032-CAA | ASE20C4E-CAA |      |      |      | 1370 | 1520 | 1700 | 1890 | 2090 | 2510 |
| M6EM-H034-IAA | ASE24C5E-IAA |      |      |      | 1470 | 1650 | 1820 | 1990 | 2180 | 2680 |
| M6TM-0032-IAA | ASE28C5E-IAA |      |      |      |      | 1670 | 1820 | 2010 | 2220 |      |
| M6TM-0032-IAV | ASE28C5E-IAV |      |      |      |      | 1670 | 1820 | 2010 | 2220 |      |
| M6EM-H040-IAA | ASE28C5E-IAA |      |      |      | 1720 | 1860 | 2040 | 2270 | 2540 | 3190 |
| M6EM-H051-IAA | ASE39C5E-IAA |      |      |      |      | 2480 | 2700 | 2940 | 3200 | 3470 |

Capacities rated at 40°F return gas, 5°F subcooling

## R-448A Condensate Base LT

## Copeland air-cooled condensing units

| Model         | Compressor   | -25  | -20  | -15  | -10  | -5   | 0    | 5    | 10   | 15   |
|---------------|--------------|------|------|------|------|------|------|------|------|------|
| 90° Ambient   |              |      |      |      |      |      |      |      |      |      |
| M6TL-0018-IAA | AFE06C4E-IAA | 418  | 478  | 552  | 638  | 735  | 843  | 960  | 1090 | 1220 |
| M6TL-0022-IAA | AFE08C4E-IAA | 605  | 692  | 796  | 917  | 1050 | 1200 | 1360 | 1520 | 1700 |
| M6PL-0023-IAA | AFE08C4E-IAA | 609  | 698  | 804  | 926  | 1060 | 1210 | 1380 | 1550 | 1730 |
| M6TL-0029-IAA | AFE11C4E-IAA | 703  | 804  | 925  | 1060 | 1220 | 1380 | 1560 | 1750 | 1950 |
| M6EL-0030-IAA | AFE11C4E-IAA | 710  | 812  | 935  | 1080 | 1230 | 1410 | 1590 | 1790 | 1990 |
| M6EL-H032-IAA | AFE11C4E-IAA | 711  | 815  | 940  | 1080 | 1250 | 1420 | 1620 | 1820 | 2030 |
| M6PL-0030-IAA | AFE11C4E-IAA | 710  | 812  | 935  | 1080 | 1230 | 1410 | 1590 | 1790 | 1990 |
| M6TL-0037-IAA | AFE13C4E-IAA | 904  | 1030 | 1180 | 1360 | 1550 | 1760 | 1980 | 2210 | 2450 |
| M6EL-0038-IAA | AFE13C4E-IAA | 915  | 1050 | 1200 | 1380 | 1580 | 1790 | 2020 | 2260 | 2510 |
| M6PL-0038-IAA | AFE13C4E-IAA | 915  | 1050 | 1200 | 1380 | 1580 | 1790 | 2020 | 2260 | 2510 |
| M6EL-H042-IAA | AFE13C4E-IAA | 921  | 1050 | 1210 | 1400 | 1600 | 1830 | 2070 | 2320 | 2590 |
| M6TL-0040-IAA | AFE14C5E-IAA | 1020 | 1150 | 1310 | 1480 | 1670 | 1870 | 2080 | 2300 | 2530 |
| M6TL-0040-IAV | AFE14C5E-IAV | 1020 | 1150 | 1310 | 1480 | 1670 | 1870 | 2080 | 2300 | 2530 |
| M6EL-0041-IAA | AFE14C5E-IAA | 1030 | 1170 | 1330 | 1500 | 1700 | 1900 | 2120 | 2360 | 2600 |
| M6PL-0041-IAA | AFE14C5E-IAA | 1030 | 1170 | 1330 | 1500 | 1700 | 1900 | 2120 | 2360 | 2600 |
| M6EL-H043-IAA | AFE14C5E-IAA | 1040 | 1200 | 1390 | 1600 | 1820 | 2060 | 2320 | 2590 | 2870 |
| M6EL-H043-IAV | AFE14C5E-IAV | 1040 | 1200 | 1390 | 1600 | 1820 | 2060 | 2320 | 2590 | 2870 |
| M6EL-H054-CAA | AFE17C4E-CAA | 1150 | 1320 | 1520 | 1740 | 1990 | 2250 | 2520 | 2800 | 3080 |
| M6EL-H054-IAA | AFE17C4E-IAA | 1150 | 1320 | 1520 | 1740 | 1990 | 2250 | 2520 | 2800 | 3080 |
| M6EL-H054-IAV | AFE17C4E-IAV | 1150 | 1320 | 1520 | 1740 | 1990 | 2250 | 2520 | 2800 | 3080 |
| M6EL-0048-CAA | AFE17C4E-CAA | 1260 | 1430 | 1640 | 1880 | 2130 | 2400 | 2680 | 2970 | 3260 |
| M6EL-0052-IAA | AFE20C5E-IAA | 1350 | 1540 | 1740 | 1970 | 2210 | 2460 | 2730 | 3000 | 3270 |
| M6PL-0052-IAA | AFE20C5E-IAA | 1350 | 1540 | 1740 | 1970 | 2210 | 2460 | 2730 | 3000 | 3270 |
| M6TL-0051-IAA | AFE20C5E-IAA | 1330 | 1520 | 1750 | 1990 | 2240 | 2510 | 2790 | 3070 | 3350 |
| M6TL-0051-IAV | AFE20C5E-IAV | 1330 | 1520 | 1750 | 1990 | 2240 | 2510 | 2790 | 3070 | 3350 |
| M6EL-H056-IAA | AFE20C5E-IAA | 1370 | 1590 | 1830 | 2090 | 2380 | 2680 | 3000 | 3320 | 3650 |
| M6EL-H056-IAV | AFE20C5E-IAV | 1370 | 1590 | 1830 | 2090 | 2380 | 2680 | 3000 | 3320 | 3650 |
| M6PL-0060-CAV | AFE23C5E-CAV | 1560 | 1790 | 2050 | 2340 | 2640 | 2960 | 3290 | 3630 | 3980 |
| M6EL-H065-CAA | AFE23C5E-CAA | 1650 | 1910 | 2190 | 2490 | 2810 | 3150 | 3500 | 3870 | 4240 |
| M6EL-0068-CAA | AFE26C5E-CAA | 1800 | 2070 | 2360 | 2670 | 2990 | 3330 | 3670 | 4020 | 4360 |
| M6EL-H074-CAA | AFE26C5E-CAA | 1840 | 2130 | 2440 | 2770 | 3110 | 3480 | 3850 | 4230 | 4620 |
| M6BL-0123-CFA | RFT42C1E-PFA | 2900 | 3270 | 3720 | 4250 | 4840 | 5460 | 6110 | 6780 |      |
| M6BL-0123-CFV | RFT42C1E-PFV | 2900 | 3270 | 3720 | 4250 | 4840 | 5460 | 6110 | 6780 |      |

Capacities rated at 40°F return gas, 5°F subcooling

## R-448A Condensate Base LT

## Copeland air-cooled condensing units

| Model         | Compressor   | -25  | -20  | -15  | -10  | -5   | 0    | 5    | 10   | 15   |
|---------------|--------------|------|------|------|------|------|------|------|------|------|
| 100° Ambient  |              |      |      |      |      |      |      |      |      |      |
| M6TL-0018-IAA | AFE06C4E-IAA | 383  | 439  | 507  | 586  | 675  | 773  | 879  | 992  | 1110 |
| M6TL-0022-IAA | AFE08C4E-IAA | 552  | 635  | 733  | 845  | 969  | 1100 | 1250 | 1400 | 1560 |
| M6PL-0023-IAA | AFE08C4E-IAA | 552  | 637  | 736  | 851  | 978  | 1120 | 1270 | 1420 | 1590 |
| M6TL-0029-IAA | AFE11C4E-IAA | 640  | 736  | 849  | 978  | 1120 | 1280 | 1440 | 1610 | 1790 |
| M6EL-0030-IAA | AFE11C4E-IAA | 642  | 740  | 856  | 988  | 1130 | 1290 | 1460 | 1640 | 1830 |
| M6PL-0030-IAA | AFE11C4E-IAA | 642  | 740  | 856  | 988  | 1130 | 1290 | 1460 | 1640 | 1830 |
| M6EL-H032-IAA | AFE11C4E-IAA | 642  | 742  | 860  | 995  | 1150 | 1310 | 1490 | 1670 | 1870 |
| M6TL-0037-IAA | AFE13C4E-IAA | 817  | 939  | 1080 | 1240 | 1420 | 1610 | 1820 | 2030 | 2240 |
| M6EL-0038-IAA | AFE13C4E-IAA | 825  | 950  | 1100 | 1260 | 1450 | 1650 | 1860 | 2080 | 2310 |
| M6PL-0038-IAA | AFE13C4E-IAA | 825  | 950  | 1100 | 1260 | 1450 | 1650 | 1860 | 2080 | 2310 |
| M6EL-H042-IAA | AFE13C4E-IAA | 830  | 958  | 1110 | 1280 | 1470 | 1680 | 1900 | 2140 | 2380 |
| M6TL-0040-IAA | AFE14C5E-IAA | 910  | 1040 | 1190 | 1360 | 1530 | 1710 | 1910 | 2110 | 2320 |
| M6TL-0040-IAV | AFE14C5E-IAV | 910  | 1040 | 1190 | 1360 | 1530 | 1710 | 1910 | 2110 | 2320 |
| M6EL-0041-IAA | AFE14C5E-IAA | 921  | 1060 | 1210 | 1380 | 1560 | 1750 | 1950 | 2160 | 2380 |
| M6PL-0041-IAA | AFE14C5E-IAA | 921  | 1060 | 1210 | 1380 | 1560 | 1750 | 1950 | 2160 | 2380 |
| M6EL-H043-IAA | AFE14C5E-IAA | 928  | 1080 | 1250 | 1440 | 1650 | 1880 | 2120 | 2360 | 2620 |
| M6EL-H043-IAV | AFE14C5E-IAV | 928  | 1080 | 1250 | 1440 | 1650 | 1880 | 2120 | 2360 | 2620 |
| M6EL-H054-CAA | AFE17C4E-CAA | 1060 | 1200 | 1380 | 1580 | 1810 | 2050 | 2310 | 2570 | 2830 |
| M6EL-H054-IAA | AFE17C4E-IAA | 1060 | 1200 | 1380 | 1580 | 1810 | 2050 | 2310 | 2570 | 2830 |
| M6EL-H054-IAV | AFE17C4E-IAV | 1060 | 1200 | 1380 | 1580 | 1810 | 2050 | 2310 | 2570 | 2830 |
| M6EL-0048-CAA | AFE17C4E-CAA | 1150 | 1310 | 1490 | 1710 | 1940 | 2190 | 2450 | 2720 | 2990 |
| M6EL-0052-IAA | AFE20C5E-IAA | 1210 | 1390 | 1590 | 1800 | 2020 | 2250 | 2490 | 2730 | 2970 |
| M6PL-0052-IAA | AFE20C5E-IAA | 1210 | 1390 | 1590 | 1800 | 2020 | 2250 | 2490 | 2730 | 2970 |
| M6TL-0051-IAA | AFE20C5E-IAA | 1200 | 1380 | 1580 | 1800 | 2040 | 2280 | 2530 | 2780 | 3030 |
| M6TL-0051-IAV | AFE20C5E-IAV | 1200 | 1380 | 1580 | 1800 | 2040 | 2280 | 2530 | 2780 | 3030 |
| M6EL-H056-IAA | AFE20C5E-IAA | 1240 | 1440 | 1660 | 1900 | 2160 | 2440 | 2720 | 3010 | 3310 |
| M6EL-H056-IAV | AFE20C5E-IAV | 1240 | 1440 | 1660 | 1900 | 2160 | 2440 | 2720 | 3010 | 3310 |
| M6PL-0060-CAV | AFE23C5E-CAV | 1420 | 1630 | 1870 | 2130 | 2410 | 2700 | 3010 | 3320 | 3640 |
| M6EL-H065-CAA | AFE23C5E-CAA | 1490 | 1740 | 2000 | 2280 | 2580 | 2890 | 3210 | 3540 | 3880 |
| M6EL-0068-CAA | AFE26C5E-CAA |      | 1890 | 2160 | 2440 | 2740 | 3040 | 3350 | 3670 |      |
| M6EL-H074-CAA | AFE26C5E-CAA | 1670 | 1940 | 2230 | 2530 | 2860 | 3190 | 3530 | 3880 | 4230 |
| M6BL-0123-CFA | RFT42C1E-PFA |      | 3150 | 3500 | 3930 | 4430 | 4980 | 5570 | 6180 |      |
| M6BL-0123-CFV | RFT42C1E-PFV |      | 3150 | 3500 | 3930 | 4430 | 4980 | 5570 | 6180 |      |

Capacities rated at 40°F return gas, 5°F subcooling

# R-448A Condensate Base LT

# Copeland air-cooled condensing units

| Model         | Compressor   | -25 | -20 | -15  | -10  | -5   | 0    | 5    | 10   | 15   |
|---------------|--------------|-----|-----|------|------|------|------|------|------|------|
| 110° Ambient  |              |     |     |      |      |      |      |      |      |      |
| M6TL-0018-IAA | AFE06C4E-IAA | 394 | 437 | 495  | 564  | 642  | 729  | 823  | 923  | 1030 |
| M6PL-0023-IAA | AFE08C4E-IAA | 501 | 582 | 676  | 783  | 902  | 1030 | 1170 | 1310 | 1460 |
| M6TL-0022-IAA | AFE08C4E-IAA | 535 | 607 | 694  | 794  | 905  | 1030 | 1150 | 1290 | 1430 |
| M6EL-H032-IAA | AFE11C4E-IAA |     | 656 | 770  | 899  | 1040 | 1190 | 1360 | 1530 | 1710 |
| M6EL-0030-IAA | AFE11C4E-IAA | 579 | 672 | 781  | 905  | 1040 | 1190 | 1340 | 1500 | 1670 |
| M6PL-0030-IAA | AFE11C4E-IAA | 579 | 672 | 781  | 905  | 1040 | 1190 | 1340 | 1500 | 1670 |
| M6TL-0029-IAA | AFE11C4E-IAA | 607 | 692 | 792  | 907  | 1030 | 1170 | 1320 | 1470 | 1630 |
| M6TL-0037-IAA | AFE13C4E-IAA |     | 856 | 983  | 1130 | 1290 | 1460 | 1640 | 1820 | 2020 |
| M6EL-0038-IAA | AFE13C4E-IAA |     | 851 | 989  | 1140 | 1310 | 1490 | 1690 | 1880 | 2090 |
| M6PL-0038-IAA | AFE13C4E-IAA |     | 851 | 989  | 1140 | 1310 | 1490 | 1690 | 1880 | 2090 |
| M6EL-H042-IAA | AFE13C4E-IAA |     | 842 | 989  | 1150 | 1330 | 1530 | 1730 | 1950 | 2170 |
| M6TL-0040-IAA | AFE14C5E-IAA |     | 947 | 1080 | 1230 | 1390 | 1550 | 1720 | 1900 | 2080 |
| M6TL-0040-IAV | AFE14C5E-IAV |     | 947 | 1080 | 1230 | 1390 | 1550 | 1720 | 1900 | 2080 |
| M6EL-0041-IAA | AFE14C5E-IAA |     | 946 | 1090 | 1250 | 1420 | 1590 | 1770 | 1960 | 2160 |
| M6PL-0041-IAA | AFE14C5E-IAA |     | 946 | 1090 | 1250 | 1420 | 1590 | 1770 | 1960 | 2160 |
| M6EL-H043-IAA | AFE14C5E-IAA |     | 966 | 1120 | 1300 | 1490 | 1700 | 1920 | 2150 | 2390 |
| M6EL-H043-IAV | AFE14C5E-IAV |     | 966 | 1120 | 1300 | 1490 | 1700 | 1920 | 2150 | 2390 |
| M6EL-H054-CAA | AFE17C4E-CAA |     |     | 1250 | 1430 | 1640 | 1860 | 2090 | 2340 | 2590 |
| M6EL-H054-IAA | AFE17C4E-IAA |     |     | 1250 | 1430 | 1640 | 1860 | 2090 | 2340 | 2590 |
| M6EL-H054-IAV | AFE17C4E-IAV |     |     | 1250 | 1430 | 1640 | 1860 | 2090 | 2340 | 2590 |
| M6EL-0048-CAA | AFE17C4E-CAA |     |     | 1350 | 1540 | 1750 | 1980 | 2210 | 2460 |      |
| M6EL-0052-IAA | AFE20C5E-IAA |     |     | 1410 | 1610 | 1820 | 2030 | 2240 | 2440 |      |
| M6PL-0052-IAA | AFE20C5E-IAA |     |     | 1410 | 1610 | 1820 | 2030 | 2240 | 2440 |      |
| M6TL-0051-IAA | AFE20C5E-IAA |     |     |      | 1640 | 1840 | 2060 |      |      |      |
| M6TL-0051-IAV | AFE20C5E-IAV |     |     |      | 1640 | 1840 | 2060 |      |      |      |
| M6EL-H056-IAA | AFE20C5E-IAA |     |     | 1500 | 1720 | 1960 | 2210 | 2470 | 2730 | 2990 |
| M6EL-H056-IAV | AFE20C5E-IAV |     |     | 1500 | 1720 | 1960 | 2210 | 2470 | 2730 | 2990 |
| M6PL-0060-CAV | AFE23C5E-CAV |     |     |      | 1930 | 2180 | 2440 |      |      |      |
| M6EL-H065-CAA | AFE23C5E-CAA |     |     | 1810 | 2070 | 2340 | 2620 | 2910 | 3200 |      |
| M6EL-0068-CAA | AFE26C5E-CAA |     |     |      |      | 2470 |      |      |      |      |
| M6EL-H074-CAA | AFE26C5E-CAA |     |     |      | 2300 | 2600 | 2900 | 3210 |      |      |
| M6BL-0123-CFA | RFT42C1E-PFA |     |     | 3390 | 3710 | 4100 | 4570 | 5070 | 5610 |      |
| M6BL-0123-CFV | RFT42C1E-PFV |     |     | 3390 | 3710 | 4100 | 4570 | 5070 | 5610 |      |

Capacities rated at 40°F return gas, 5°F subcooling

# R-448A Condensate Base MT/EMT

# Copeland air-cooled condensing units

| Model         | Compressor   | -10  | -5   | 0    | 5    | 10   | 15   | 20   | 25   | 30    |
|---------------|--------------|------|------|------|------|------|------|------|------|-------|
| 90° Ambient   |              |      |      |      |      |      |      |      |      |       |
| M6TM-0020-IAA | ASE12C4E-IAA | 681  | 806  | 939  | 1080 | 1230 | 1390 | 1560 | 1740 | 1930  |
| M6EM-0020-IAA | ASE12C4E-IAA | 688  | 815  | 952  | 1100 | 1250 | 1420 | 1590 | 1780 | 1970  |
| M6PM-0020-IAA | ASE12C4E-IAA | 688  | 815  | 952  | 1100 | 1250 | 1420 | 1590 | 1780 | 1970  |
| M6EM-H022-IAA | ASE12C4E-IAA | 688  | 818  | 957  | 1110 | 1270 | 1440 | 1620 | 1810 | 2020  |
| M6TM-0022-IAA | ASE14C4E-IAA | 848  | 995  | 1150 | 1300 | 1470 | 1640 | 1830 | 2030 | 2240  |
| M6EM-0023-IAA | ASE14C4E-IAA | 857  | 1010 | 1160 | 1320 | 1490 | 1670 | 1870 | 2070 | 2300  |
| M6PM-0023-IAA | ASE14C4E-IAA | 857  | 1010 | 1160 | 1320 | 1490 | 1670 | 1870 | 2070 | 2300  |
| M6EM-H026-IAA | ASE14C4E-IAA | 861  | 1010 | 1170 | 1340 | 1520 | 1710 | 1910 | 2130 | 2360  |
| M6TM-0027-IAA | ASE20C4E-IAA | 983  | 1220 | 1440 | 1650 | 1840 | 2040 | 2240 | 2450 | 2690  |
| M6TM-0027-IAV | ASE20C4E-IAV | 983  | 1220 | 1440 | 1650 | 1840 | 2040 | 2240 | 2450 | 2690  |
| M6EM-0028-IAA | ASE20C4E-IAA | 984  | 1230 | 1460 | 1670 | 1880 | 2080 | 2300 | 2530 | 2770  |
| M6PM-0028-CAA | ASE20C4E-CAA | 984  | 1230 | 1460 | 1670 | 1880 | 2080 | 2300 | 2530 | 2770  |
| M6PM-0028-IAA | ASE20C4E-IAA | 984  | 1230 | 1460 | 1670 | 1880 | 2080 | 2300 | 2530 | 2770  |
| M6EM-H032-CAA | ASE20C4E-CAA | 1150 | 1310 | 1490 | 1700 | 1930 | 2180 | 2450 | 2730 | 3020  |
| M6TM-0028-IAA | ASE24C5E-IAA | 1240 | 1420 | 1600 | 1810 | 2030 | 2260 | 2510 | 2780 | 3070  |
| M6PM-0030-IAA | ASE24C5E-IAA | 1260 | 1440 | 1640 | 1850 | 2070 | 2320 | 2580 | 2860 | 3160  |
| M6EM-H034-IAA | ASE24C5E-IAA | 1280 | 1470 | 1670 | 1890 | 2130 | 2390 | 2670 | 2970 | 3280  |
| M6TM-0032-IAA | ASE28C5E-IAA |      | 1770 | 1900 | 2080 | 2300 | 2570 | 2890 | 3250 | 3650  |
| M6TM-0032-IAV | ASE28C5E-IAV |      | 1770 | 1900 | 2080 | 2300 | 2570 | 2890 | 3250 | 3650  |
| M6EM-0034-IAA | ASE28C5E-IAA |      | 1850 | 1910 | 2080 | 2340 | 2650 | 3000 | 3370 | 3740  |
| M6EM-H040-IAA | ASE28C5E-IAA | 1940 | 1880 | 1950 | 2140 | 2420 | 2750 | 3120 | 3520 | 3910  |
| M6EM-H051-IAA | ASE39C5E-IAA |      | 2500 | 2610 | 2860 | 3210 | 3620 | 4060 | 4500 | 4910  |
| M6EP-H056-CAA | RST45C1E-CAA |      | 2300 | 2610 | 2950 | 3310 | 3690 | 4100 | 4540 | 5000  |
| M6EP-H056-IAA | RST45C1E-IAA |      | 2300 | 2610 | 2950 | 3310 | 3690 | 4100 | 4540 | 5000  |
| M6BP-0064-CAA | RST45C1E-CAA | 2120 | 2460 | 2840 | 3260 | 3710 | 4210 | 4750 | 5340 | 5970  |
| M6BP-0064-CAV | RST45C1E-CAV | 2120 | 2460 | 2840 | 3260 | 3710 | 4210 | 4750 | 5340 | 5970  |
| M6BP-0075-CAA | RST55C1E-CAA | 2690 | 3040 | 3460 | 3940 | 4490 | 5090 | 5740 | 6430 | 7170  |
| M6BP-0075-CAV | RST55C1E-CAV | 2690 | 3040 | 3460 | 3940 | 4490 | 5090 | 5740 | 6430 | 7170  |
| M6BP-0096-CFV | RST70C1E-PFV | 3440 | 3990 | 4580 | 5180 | 5810 | 6460 | 7140 | 7830 | 8530  |
| M6BP-0092-CAV | RST64C1E-CAV | 3550 | 4040 | 4570 | 5140 | 5740 | 6400 | 7100 | 7860 | 8670  |
| M6BP-0092-CFA | RST64C1E-CFA | 3550 | 4040 | 4570 | 5140 | 5740 | 6400 | 7100 | 7860 | 8670  |
| M6BP-0106-CFV | RST80C1E-PFV |      | 4580 | 5200 | 5850 | 6520 | 7230 | 7960 | 8720 | 9500  |
| M6BP-0116-CFV | RST97C1E-PFV |      | 5140 | 5840 | 6570 | 7310 | 8070 | 8830 | 9600 | 10300 |

Capacities rated at 40°F return gas, 5°F subcooling



# R-448A Condensate Base MT/EMT

# Copeland air-cooled condensing units

| Model         | Compressor   | -10 | -5   | 0    | 5    | 10   | 15   | 20   | 25   | 30   |
|---------------|--------------|-----|------|------|------|------|------|------|------|------|
| 100° Ambient  |              |     |      |      |      |      |      |      |      |      |
| M6TM-0020-IAA | ASE12C4E-IAA |     | 726  | 849  | 979  | 1120 | 1260 | 1420 | 1580 | 1760 |
| M6EM-0020-IAA | ASE12C4E-IAA |     | 730  | 856  | 990  | 1130 | 1280 | 1440 | 1610 | 1800 |
| M6PM-0020-IAA | ASE12C4E-IAA |     | 730  | 856  | 990  | 1130 | 1280 | 1440 | 1610 | 1800 |
| M6EM-H022-IAA | ASE12C4E-IAA |     | 731  | 860  | 998  | 1140 | 1300 | 1470 | 1650 | 1840 |
| M6TM-0022-IAA | ASE14C4E-IAA |     | 905  | 1040 | 1190 | 1340 | 1500 | 1670 | 1850 | 2050 |
| M6EM-0023-IAA | ASE14C4E-IAA |     | 915  | 1060 | 1210 | 1360 | 1530 | 1700 | 1900 | 2100 |
| M6PM-0023-IAA | ASE14C4E-IAA |     | 915  | 1060 | 1210 | 1360 | 1530 | 1700 | 1900 | 2100 |
| M6EM-H026-IAA | ASE14C4E-IAA |     | 921  | 1070 | 1220 | 1380 | 1560 | 1740 | 1940 | 2160 |
| M6TM-0027-IAA | ASE20C4E-IAA |     |      | 1370 | 1530 | 1690 | 1850 | 2020 | 2200 | 2400 |
| M6TM-0027-IAV | ASE20C4E-IAV |     |      | 1370 | 1530 | 1690 | 1850 | 2020 | 2200 | 2400 |
| M6EM-0028-IAA | ASE20C4E-IAA |     | 1190 | 1380 | 1560 | 1730 | 1900 | 2080 | 2280 | 2490 |
| M6PM-0028-CAA | ASE20C4E-CAA |     | 1190 | 1380 | 1560 | 1730 | 1900 | 2080 | 2280 | 2490 |
| M6PM-0028-IAA | ASE20C4E-IAA |     | 1190 | 1380 | 1560 | 1730 | 1900 | 2080 | 2280 | 2490 |
| M6EM-H032-CAA | ASE20C4E-CAA |     | 1190 | 1350 | 1540 | 1750 | 1980 | 2230 | 2490 | 2760 |
| M6TM-0028-IAA | ASE24C5E-IAA |     |      | 1450 | 1630 | 1830 | 2050 | 2280 | 2520 | 2790 |
| M6PM-0030-IAA | ASE24C5E-IAA |     | 1300 | 1480 | 1670 | 1880 | 2100 | 2340 | 2600 | 2880 |
| M6EM-H034-IAA | ASE24C5E-IAA |     | 1320 | 1510 | 1710 | 1930 | 2170 | 2420 | 2700 | 3000 |
| M6TM-0032-IAA | ASE28C5E-IAA |     |      | 1740 | 1910 | 2110 | 2360 | 2650 | 2970 | 3340 |
| M6TM-0032-IAV | ASE28C5E-IAV |     |      | 1740 | 1910 | 2110 | 2360 | 2650 | 2970 | 3340 |
| M6EM-0034-IAA | ASE28C5E-IAA |     |      | 1760 | 1900 | 2120 | 2400 | 2730 | 3080 | 3430 |
| M6EM-H040-IAA | ASE28C5E-IAA |     |      | 1800 | 1940 | 2180 | 2490 | 2840 | 3210 | 3590 |
| M6EP-H056-CAA | RST45C1E-CAA |     |      | 2350 | 2660 | 2980 | 3330 | 3700 | 4090 | 4500 |
| M6EP-H056-IAA | RST45C1E-IAA |     |      | 2350 | 2660 | 2980 | 3330 | 3700 | 4090 | 4500 |
| M6EM-H051-IAA | ASE39C5E-IAA |     |      | 2410 | 2610 | 2910 | 3290 | 3690 | 4090 | 4470 |
| M6BP-0064-CAA | RST45C1E-CAA |     | 2210 | 2550 | 2930 | 3350 | 3810 | 4310 | 4840 | 5420 |
| M6BP-0064-CAV | RST45C1E-CAV |     | 2210 | 2550 | 2930 | 3350 | 3810 | 4310 | 4840 | 5420 |
| M6BP-0075-CAA | RST55C1E-CAA |     | 2680 | 3060 | 3500 | 4010 | 4560 | 5170 | 5830 | 6520 |
| M6BP-0075-CAV | RST55C1E-CAV |     | 2680 | 3060 | 3500 | 4010 | 4560 | 5170 | 5830 | 6520 |
| M6BP-0092-CAV | RST64C1E-CAV |     |      | 4180 | 4700 | 5260 | 5860 | 6500 | 7200 | 7950 |
| M6BP-0092-CFA | RST64C1E-CFA |     |      | 4180 | 4700 | 5260 | 5860 | 6500 | 7200 | 7950 |
| M6BP-0096-CFV | RST70C1E-PFV |     |      | 4140 | 4720 | 5320 | 5930 | 6560 | 7200 | 7860 |
| M6BP-0106-CFV | RST80C1E-PFV |     |      | 4690 | 5300 | 5940 | 6600 | 7290 | 8000 | 8740 |
| M6BP-0116-CFV | RST97C1E-PFV |     |      |      | 5980 | 6680 | 7400 | 8110 | 8830 |      |

Capacities rated at 40°F return gas, 5°F subcooling

# R-448A Condensate Base MT/EMT

# Copeland air-cooled condensing units

| Model         | Compressor   | -10 | -5 | 0   | 5    | 10   | 15   | 20   | 25   | 30   |
|---------------|--------------|-----|----|-----|------|------|------|------|------|------|
| 110° Ambient  |              |     |    |     |      |      |      |      |      |      |
| M6TM-0020-IAA | ASE12C4E-IAA |     |    | 790 | 904  | 1020 | 1150 | 1290 | 1430 | 1590 |
| M6EM-0020-IAA | ASE12C4E-IAA |     |    | 779 | 900  | 1030 | 1160 | 1310 | 1460 | 1620 |
| M6PM-0020-IAA | ASE12C4E-IAA |     |    | 779 | 900  | 1030 | 1160 | 1310 | 1460 | 1620 |
| M6EM-H022-IAA | ASE12C4E-IAA |     |    | 767 | 893  | 1030 | 1170 | 1320 | 1480 | 1660 |
| M6TM-0022-IAA | ASE14C4E-IAA |     |    | 960 | 1090 | 1220 | 1370 | 1520 | 1690 | 1870 |
| M6EM-0023-IAA | ASE14C4E-IAA |     |    | 962 | 1100 | 1240 | 1390 | 1550 | 1730 | 1920 |
| M6PM-0023-IAA | ASE14C4E-IAA |     |    | 962 | 1100 | 1240 | 1390 | 1550 | 1730 | 1920 |
| M6EM-H026-IAA | ASE14C4E-IAA |     |    | 959 | 1100 | 1250 | 1410 | 1580 | 1770 | 1970 |
| M6TM-0027-IAA | ASE20C4E-IAA |     |    |     | 1430 | 1550 | 1680 | 1800 | 1950 | 2120 |
| M6TM-0027-IAV | ASE20C4E-IAV |     |    |     | 1430 | 1550 | 1680 | 1800 | 1950 | 2120 |
| M6EM-0028-IAA | ASE20C4E-IAA |     |    |     | 1450 | 1580 | 1720 | 1860 | 2020 | 2200 |
| M6PM-0028-CAA | ASE20C4E-CAA |     |    |     | 1450 | 1580 | 1720 | 1860 | 2020 | 2200 |
| M6PM-0028-IAA | ASE20C4E-IAA |     |    |     | 1450 | 1580 | 1720 | 1860 | 2020 | 2200 |
| M6EM-H032-CAA | ASE20C4E-CAA |     |    |     | 1380 | 1570 | 1780 | 2010 | 2250 | 2510 |
| M6TM-0028-IAA | ASE24C5E-IAA |     |    |     | 1470 | 1640 | 1830 | 2040 | 2260 |      |
| M6PM-0030-IAA | ASE24C5E-IAA |     |    |     | 1500 | 1690 | 1890 | 2110 | 2340 | 2590 |
| M6EM-H034-IAA | ASE24C5E-IAA |     |    |     | 1530 | 1730 | 1950 | 2190 | 2440 | 2720 |
| M6TM-0032-IAA | ASE28C5E-IAA |     |    |     |      | 1920 | 2140 |      |      |      |
| M6TM-0032-IAV | ASE28C5E-IAV |     |    |     |      | 1920 | 2140 |      |      |      |
| M6EM-0034-IAA | ASE28C5E-IAA |     |    |     | 1730 | 1910 | 2160 | 2460 | 2790 |      |
| M6EM-H040-IAA | ASE28C5E-IAA |     |    |     | 1770 | 1970 | 2250 | 2580 | 2930 | 3290 |
| M6EP-H056-CAA | RST45C1E-CAA |     |    |     |      | 2670 | 2980 | 3300 |      |      |
| M6EP-H056-IAA | RST45C1E-IAA |     |    |     |      | 2670 | 2980 | 3300 |      |      |
| M6EM-H051-IAA | ASE39C5E-IAA |     |    |     |      | 2620 | 2950 | 3310 |      |      |
| M6BP-0064-CAA | RST45C1E-CAA |     |    |     | 2620 | 3000 | 3420 | 3870 | 4360 | 4890 |
| M6BP-0064-CAV | RST45C1E-CAV |     |    |     | 2620 | 3000 | 3420 | 3870 | 4360 | 4890 |
| M6BP-0075-CAA | RST55C1E-CAA |     |    |     | 3110 | 3570 | 4090 | 4660 | 5280 | 5940 |
| M6BP-0075-CAV | RST55C1E-CAV |     |    |     | 3110 | 3570 | 4090 | 4660 | 5280 | 5940 |
| M6BP-0096-CFV | RST70C1E-PFV |     |    |     | 4250 | 4820 | 5390 | 5980 | 6580 |      |
| M6BP-0092-CAV | RST64C1E-CAV |     |    |     | 4280 | 4780 | 5330 | 5920 |      |      |
| M6BP-0092-CFA | RST64C1E-CFA |     |    |     | 4280 | 4780 | 5330 | 5920 |      |      |
| M6BP-0106-CFV | RST80C1E-PFV |     |    |     |      | 5380 | 6000 |      |      |      |
| M6BP-0116-CFV | RST97C1E-PFV |     |    |     |      | 6080 |      |      |      |      |

Capacities rated at 40°F return gas, 5°F subcooling

# R-449A Condensate Base LT

# Copeland air-cooled condensing units

| Model         | Compressor   | -25  | -20  | -15  | -10  | -5   | 0    | 5    | 10   | 15   |
|---------------|--------------|------|------|------|------|------|------|------|------|------|
| 90° Ambient   |              |      |      |      |      |      |      |      |      |      |
| M6TL-0018-IAA | AFE06C4E-IAA | 419  | 479  | 553  | 639  | 737  | 845  | 962  | 1090 | 1220 |
| M6TL-0022-IAA | AFE08C4E-IAA | 606  | 693  | 798  | 918  | 1050 | 1200 | 1360 | 1520 | 1700 |
| M6PL-0023-IAA | AFE08C4E-IAA | 611  | 700  | 806  | 928  | 1070 | 1220 | 1380 | 1550 | 1730 |
| M6TL-0029-IAA | AFE11C4E-IAA | 705  | 806  | 926  | 1060 | 1220 | 1390 | 1570 | 1760 | 1950 |
| M6EL-0030-IAA | AFE11C4E-IAA | 711  | 814  | 937  | 1080 | 1240 | 1410 | 1590 | 1790 | 1990 |
| M6PL-0030-IAA | AFE11C4E-IAA | 711  | 814  | 937  | 1080 | 1240 | 1410 | 1590 | 1790 | 1990 |
| M6QL-H032-IAA | AFE11C4E-IAA | 711  | 814  | 938  | 1080 | 1240 | 1420 | 1600 | 1800 | 2010 |
| M6EL-H032-IAA | AFE11C4E-IAA | 712  | 816  | 941  | 1090 | 1250 | 1430 | 1620 | 1820 | 2040 |
| M6TL-0037-IAA | AFE13C4E-IAA | 906  | 1030 | 1190 | 1360 | 1550 | 1760 | 1980 | 2220 | 2450 |
| M6EL-0038-IAA | AFE13C4E-IAA | 917  | 1050 | 1200 | 1380 | 1580 | 1800 | 2020 | 2260 | 2510 |
| M6PL-0038-IAA | AFE13C4E-IAA | 917  | 1050 | 1200 | 1380 | 1580 | 1800 | 2020 | 2260 | 2510 |
| M6EL-H042-IAA | AFE13C4E-IAA | 922  | 1060 | 1220 | 1400 | 1610 | 1830 | 2070 | 2320 | 2590 |
| M6TL-0040-IAA | AFE14C5E-IAA | 1020 | 1160 | 1310 | 1480 | 1670 | 1870 | 2080 | 2310 | 2540 |
| M6EL-0040-IAV | AFE14C5E-IAV | 1020 | 1160 | 1310 | 1480 | 1670 | 1870 | 2080 | 2310 | 2540 |
| M6EL-0041-IAA | AFE14C5E-IAA | 1030 | 1170 | 1330 | 1510 | 1700 | 1910 | 2130 | 2360 | 2600 |
| M6PL-0041-IAA | AFE14C5E-IAA | 1030 | 1170 | 1330 | 1510 | 1700 | 1910 | 2130 | 2360 | 2600 |
| M6EL-H043-IAA | AFE14C5E-IAA | 1040 | 1200 | 1390 | 1600 | 1820 | 2070 | 2320 | 2590 | 2870 |
| M6EL-H043-IAV | AFE14C5E-IAV | 1040 | 1200 | 1390 | 1600 | 1820 | 2070 | 2320 | 2590 | 2870 |
| M6EL-H054-CAA | AFE17C4E-CAA | 1150 | 1320 | 1520 | 1740 | 1990 | 2250 | 2520 | 2800 | 3080 |
| M6EL-H054-IAA | AFE17C4E-IAA | 1150 | 1320 | 1520 | 1740 | 1990 | 2250 | 2520 | 2800 | 3080 |
| M6EL-H054-IAV | AFE17C4E-IAV | 1150 | 1320 | 1520 | 1740 | 1990 | 2250 | 2520 | 2800 | 3080 |
| M6EL-0048-CAA | AFE17C4E-CAA | 1260 | 1440 | 1650 | 1880 | 2130 | 2400 | 2680 | 2970 | 3260 |
| M6EL-0052-IAA | AFE20C5E-IAA | 1360 | 1540 | 1750 | 1970 | 2210 | 2470 | 2730 | 3000 | 3270 |
| M6PL-0052-IAA | AFE20C5E-IAA | 1360 | 1540 | 1750 | 1970 | 2210 | 2470 | 2730 | 3000 | 3270 |
| M6TL-0051-IAA | AFE20C5E-IAA | 1330 | 1530 | 1750 | 1990 | 2250 | 2520 | 2790 | 3070 | 3350 |
| M6TL-0051-IAV | AFE20C5E-IAV | 1330 | 1530 | 1750 | 1990 | 2250 | 2520 | 2790 | 3070 | 3350 |
| M6EL-H056-IAA | AFE20C5E-IAA | 1380 | 1590 | 1830 | 2100 | 2380 | 2690 | 3000 | 3320 | 3650 |
| M6EL-H056-IAV | AFE20C5E-IAV | 1380 | 1590 | 1830 | 2100 | 2380 | 2690 | 3000 | 3320 | 3650 |
| M6PL-0060-CAV | AFE23C5E-CAV | 1560 | 1800 | 2060 | 2340 | 2640 | 2960 | 3290 | 3630 | 3980 |
| M6EL-H065-CAA | AFE23C5E-CAA | 1650 | 1910 | 2190 | 2490 | 2820 | 3150 | 3510 | 3870 | 4240 |
| M6EL-0068-CAA | AFE26C5E-CAA | 1800 | 2070 | 2370 | 2670 | 3000 | 3330 | 3670 | 4020 | 4360 |
| M6EL-H074-CAA | AFE26C5E-CAA | 1840 | 2130 | 2440 | 2770 | 3120 | 3480 | 3850 | 4230 | 4620 |
| M6BL-0123-CFA | RFT42C1E-PFA | 2910 | 3270 | 3730 | 4250 | 4840 | 5460 | 6110 | 6780 |      |
| M6BL-0123-CFV | RFT42C1E-PFV | 2910 | 3270 | 3730 | 4250 | 4840 | 5460 | 6110 | 6780 |      |

Capacities rated at 40°F return gas, 5°F subcooling

## R-449A Condensate Base LT

## Copeland air-cooled condensing units

| Model         | Compressor   | -25  | -20  | -15  | -10  | -5   | 0    | 5    | 10   | 15   |
|---------------|--------------|------|------|------|------|------|------|------|------|------|
| 100° Ambient  |              |      |      |      |      |      |      |      |      |      |
| M6TL-0018-IAA | AFE06C4E-IAA | 383  | 440  | 508  | 586  | 676  | 774  | 880  | 994  | 1110 |
| M6TL-0022-IAA | AFE08C4E-IAA | 553  | 636  | 734  | 846  | 971  | 1110 | 1250 | 1400 | 1560 |
| M6PL-0023-IAA | AFE08C4E-IAA | 554  | 638  | 738  | 853  | 980  | 1120 | 1270 | 1430 | 1590 |
| M6TL-0029-IAA | AFE11C4E-IAA | 641  | 737  | 850  | 980  | 1120 | 1280 | 1440 | 1620 | 1800 |
| M6EL-0030-IAA | AFE11C4E-IAA | 644  | 742  | 858  | 990  | 1140 | 1300 | 1470 | 1650 | 1830 |
| M6PL-0030-IAA | AFE11C4E-IAA | 644  | 742  | 858  | 990  | 1140 | 1300 | 1470 | 1650 | 1830 |
| M6QL-H032-IAA | AFE11C4E-IAA | 644  | 743  | 859  | 993  | 1140 | 1300 | 1480 | 1660 | 1850 |
| M6EL-H032-IAA | AFE11C4E-IAA | 644  | 744  | 862  | 997  | 1150 | 1310 | 1490 | 1680 | 1870 |
| M6TL-0037-IAA | AFE13C4E-IAA | 818  | 940  | 1080 | 1250 | 1420 | 1620 | 1820 | 2030 | 2250 |
| M6EL-0038-IAA | AFE13C4E-IAA | 827  | 952  | 1100 | 1270 | 1450 | 1650 | 1860 | 2080 | 2310 |
| M6PL-0038-IAA | AFE13C4E-IAA | 827  | 952  | 1100 | 1270 | 1450 | 1650 | 1860 | 2080 | 2310 |
| M6EL-H042-IAA | AFE13C4E-IAA | 832  | 961  | 1110 | 1280 | 1480 | 1680 | 1910 | 2140 | 2380 |
| M6TL-0040-IAA | AFE14C5E-IAA | 911  | 1050 | 1200 | 1360 | 1530 | 1720 | 1910 | 2110 | 2320 |
| M6TL-0040-IAV | AFE14C5E-IAV | 911  | 1050 | 1200 | 1360 | 1530 | 1720 | 1910 | 2110 | 2320 |
| M6EL-0041-IAA | AFE14C5E-IAA | 923  | 1060 | 1210 | 1380 | 1560 | 1750 | 1960 | 2170 | 2390 |
| M6PL-0041-IAA | AFE14C5E-IAA | 923  | 1060 | 1210 | 1380 | 1560 | 1750 | 1960 | 2170 | 2390 |
| M6EL-H043-IAA | AFE14C5E-IAA | 931  | 1080 | 1260 | 1450 | 1660 | 1880 | 2120 | 2370 | 2630 |
| M6EL-H043-IAV | AFE14C5E-IAV | 931  | 1080 | 1260 | 1450 | 1660 | 1880 | 2120 | 2370 | 2630 |
| M6EL-H054-CAA | AFE17C4E-CAA | 1060 | 1210 | 1380 | 1590 | 1810 | 2050 | 2310 | 2570 | 2840 |
| M6EL-H054-IAA | AFE17C4E-IAA | 1060 | 1210 | 1380 | 1590 | 1810 | 2050 | 2310 | 2570 | 2840 |
| M6EL-H054-IAV | AFE17C4E-IAV | 1060 | 1210 | 1380 | 1590 | 1810 | 2050 | 2310 | 2570 | 2840 |
| M6EL-0048-CAA | AFE17C4E-CAA | 1160 | 1310 | 1500 | 1710 | 1940 | 2190 | 2450 | 2720 | 2990 |
| M6EL-0052-IAA | AFE20C5E-IAA | 1210 | 1390 | 1590 | 1800 | 2030 | 2260 | 2490 | 2730 | 2970 |
| M6PL-0052-IAA | AFE20C5E-IAA | 1210 | 1390 | 1590 | 1800 | 2030 | 2260 | 2490 | 2730 | 2970 |
| M6TL-0051-IAA | AFE20C5E-IAA | 1200 | 1380 | 1590 | 1810 | 2040 | 2280 | 2530 | 2780 | 3030 |
| M6TL-0051-IAV | AFE20C5E-IAV | 1200 | 1380 | 1590 | 1810 | 2040 | 2280 | 2530 | 2780 | 3030 |
| M6EL-H056-IAA | AFE20C5E-IAA | 1240 | 1440 | 1660 | 1900 | 2160 | 2440 | 2720 | 3010 | 3310 |
| M6EL-H056-IAV | AFE20C5E-IAV | 1240 | 1440 | 1660 | 1900 | 2160 | 2440 | 2720 | 3010 | 3310 |
| M6PL-0060-CAV | AFE23C5E-CAV | 1420 | 1630 | 1870 | 2130 | 2410 | 2700 | 3010 | 3320 | 3640 |
| M6EL-H065-CAA | AFE23C5E-CAA | 1500 | 1740 | 2010 | 2290 | 2580 | 2890 | 3210 | 3540 | 3880 |
| M6EL-0068-CAA | AFE26C5E-CAA |      | 1890 | 2160 | 2450 | 2740 | 3050 | 3350 | 3670 |      |
| M6EL-H074-CAA | AFE26C5E-CAA | 1670 | 1940 | 2230 | 2540 | 2860 | 3190 | 3530 | 3880 | 4230 |
| M6BL-0123-CFA | RFT42C1E-PFA |      | 3150 | 3500 | 3930 | 4430 | 4980 | 5570 | 6170 |      |
| M6BL-0123-CFV | RFT42C1E-PFV |      | 3150 | 3500 | 3930 | 4430 | 4980 | 5570 | 6170 |      |

Capacities rated at 40°F return gas, 5°F subcooling

# R-449A Condensate Base LT

# Copeland air-cooled condensing units

| Model         | Compressor   | -25 | -20 | -15  | -10  | -5   | 0    | 5    | 10   | 15   |
|---------------|--------------|-----|-----|------|------|------|------|------|------|------|
| 110° Ambient  |              |     |     |      |      |      |      |      |      |      |
| M6TL-0018-IAA | AFE06C4E-IAA | 383 | 432 | 492  | 562  | 641  | 729  | 823  | 924  | 1030 |
| M6PL-0023-IAA | AFE08C4E-IAA | 502 | 583 | 678  | 785  | 903  | 1030 | 1170 | 1310 | 1460 |
| M6TL-0022-IAA | AFE08C4E-IAA | 531 | 605 | 693  | 793  | 905  | 1030 | 1160 | 1290 | 1430 |
| M6QL-H032-IAA | AFE11C4E-IAA |     | 657 | 769  | 896  | 1040 | 1190 | 1350 | 1510 | 1690 |
| M6EL-H032-IAA | AFE11C4E-IAA |     | 657 | 771  | 900  | 1040 | 1200 | 1360 | 1530 | 1710 |
| M6EL-0030-IAA | AFE11C4E-IAA | 580 | 674 | 783  | 906  | 1040 | 1190 | 1340 | 1510 | 1670 |
| M6PL-0030-IAA | AFE11C4E-IAA | 580 | 674 | 783  | 906  | 1040 | 1190 | 1340 | 1510 | 1670 |
| M6TL-0029-IAA | AFE11C4E-IAA | 605 | 691 | 792  | 908  | 1040 | 1170 | 1320 | 1480 | 1630 |
| M6TL-0037-IAA | AFE13C4E-IAA |     | 856 | 984  | 1130 | 1290 | 1460 | 1640 | 1830 | 2020 |
| M6EL-0038-IAA | AFE13C4E-IAA |     | 853 | 991  | 1150 | 1320 | 1500 | 1690 | 1890 | 2090 |
| M6EL-H042-IAA | AFE13C4E-IAA |     | 844 | 990  | 1150 | 1340 | 1530 | 1740 | 1950 | 2170 |
| M6PL-0038-IAA | AFE13C4E-IAA |     | 853 | 991  | 1150 | 1320 | 1500 | 1690 | 1890 | 2090 |
| M6TL-0040-IAA | AFE14C5E-IAA |     | 948 | 1080 | 1230 | 1390 | 1550 | 1730 | 1900 | 2090 |
| M6EL-0040-IAV | AFE14C5E-IAV |     | 948 | 1080 | 1230 | 1390 | 1550 | 1730 | 1900 | 2090 |
| M6EL-0041-IAA | AFE14C5E-IAA |     | 948 | 1090 | 1250 | 1420 | 1590 | 1780 | 1970 | 2160 |
| M6PL-0041-IAA | AFE14C5E-IAA |     | 948 | 1090 | 1250 | 1420 | 1590 | 1780 | 1970 | 2160 |
| M6EL-H043-IAA | AFE14C5E-IAA |     | 967 | 1130 | 1300 | 1500 | 1700 | 1920 | 2150 | 2390 |
| M6EL-H043-IAV | AFE14C5E-IAV |     | 967 | 1130 | 1300 | 1500 | 1700 | 1920 | 2150 | 2390 |
| M6EL-H054-CAA | AFE17C4E-CAA |     |     | 1250 | 1430 | 1640 | 1860 | 2100 | 2340 | 2590 |
| M6EL-H054-IAA | AFE17C4E-IAA |     |     | 1250 | 1430 | 1640 | 1860 | 2100 | 2340 | 2590 |
| M6EL-H054-IAV | AFE17C4E-IAV |     |     | 1250 | 1430 | 1640 | 1860 | 2100 | 2340 | 2590 |
| M6EL-0048-CAA | AFE17C4E-CAA |     |     | 1360 | 1540 | 1750 | 1980 | 2220 | 2460 |      |
| M6EL-0052-IAA | AFE20C5E-IAA |     |     | 1420 | 1610 | 1820 | 2030 | 2240 | 2440 |      |
| M6PL-0052-IAA | AFE20C5E-IAA |     |     | 1420 | 1610 | 1820 | 2030 | 2240 | 2440 |      |
| M6TL-0051-IAA | AFE20C5E-IAA |     |     |      | 1640 | 1850 | 2060 |      |      |      |
| M6TL-0051-IAV | AFE20C5E-IAV |     |     |      | 1640 | 1850 | 2060 |      |      |      |
| M6EL-H056-IAA | AFE20C5E-IAA |     |     | 1500 | 1720 | 1960 | 2210 | 2470 | 2730 | 2990 |
| M6EL-H056-IAV | AFE20C5E-IAV |     |     | 1500 | 1720 | 1960 | 2210 | 2470 | 2730 | 2990 |
| M6PL-0060-CAV | AFE23C5E-CAV |     |     |      | 1930 | 2180 | 2450 |      |      |      |
| M6EL-H065-CAA | AFE23C5E-CAA |     |     | 1810 | 2070 | 2340 | 2620 | 2910 | 3200 |      |
| M6EL-0068-CAA | AFE26C5E-CAA |     |     |      |      | 2470 |      |      |      |      |
| M6EL-H074-CAA | AFE26C5E-CAA |     |     |      | 2300 | 2600 | 2900 | 3210 |      |      |
| M6BL-0123-CFA | RFT42C1E-PFA |     |     | 3390 | 3710 | 4100 | 4560 | 5070 | 5600 |      |
| M6BL-0123-CFV | RFT42C1E-PFV |     |     | 3390 | 3710 | 4100 | 4560 | 5070 | 5600 |      |

Capacities rated at 40°F return gas, 5°F subcooling

# R-449A Condensate Base MT/EMT

# Copeland air-cooled condensing units

| Model         | Compressor   | -10  | -5   | 0    | 5    | 10   | 15   | 20   | 25   | 30    |
|---------------|--------------|------|------|------|------|------|------|------|------|-------|
| 90° Ambient   |              |      |      |      |      |      |      |      |      |       |
| M6TM-0020-IAA | ASE12C4E-IAA | 682  | 808  | 942  | 1080 | 1230 | 1400 | 1570 | 1750 | 1940  |
| M6EM-0020-IAA | ASE12C4E-IAA | 690  | 818  | 954  | 1100 | 1250 | 1420 | 1590 | 1780 | 1980  |
| M6PM-0020-IAA | ASE12C4E-IAA | 690  | 818  | 954  | 1100 | 1250 | 1420 | 1590 | 1780 | 1980  |
| M6EM-H022-IAA | ASE12C4E-IAA | 690  | 820  | 959  | 1110 | 1270 | 1440 | 1620 | 1820 | 2020  |
| M6TM-0022-IAA | ASE14C4E-IAA | 850  | 997  | 1150 | 1310 | 1470 | 1650 | 1830 | 2030 | 2250  |
| M6EM-0023-IAA | ASE14C4E-IAA | 859  | 1010 | 1170 | 1330 | 1500 | 1680 | 1870 | 2080 | 2300  |
| M6PM-0023-IAA | ASE14C4E-IAA | 859  | 1010 | 1170 | 1330 | 1500 | 1680 | 1870 | 2080 | 2300  |
| M6QM-H025-IAA | ASE14C4E-IAA | 860  | 1010 | 1170 | 1330 | 1510 | 1690 | 1890 | 2100 | 2320  |
| M6EM-H026-IAA | ASE14C4E-IAA | 862  | 1020 | 1180 | 1340 | 1520 | 1710 | 1910 | 2130 | 2360  |
| M6TM-0027-IAA | ASE20C4E-IAA | 983  | 1230 | 1440 | 1650 | 1840 | 2040 | 2240 | 2460 | 2690  |
| M6TM-0027-IAV | ASE20C4E-IAV | 983  | 1230 | 1440 | 1650 | 1840 | 2040 | 2240 | 2460 | 2690  |
| M6EM-0028-IAA | ASE20C4E-IAA | 984  | 1230 | 1460 | 1670 | 1880 | 2090 | 2300 | 2530 | 2770  |
| M6PM-0028-CAA | ASE20C4E-CAA | 984  | 1230 | 1460 | 1670 | 1880 | 2090 | 2300 | 2530 | 2770  |
| M6PM-0028-IAA | ASE20C4E-IAA | 984  | 1230 | 1460 | 1670 | 1880 | 2090 | 2300 | 2530 | 2770  |
| M6EM-H032-CAA | ASE20C4E-CAA | 1160 | 1310 | 1490 | 1700 | 1930 | 2180 | 2450 | 2730 | 3030  |
| M6TM-0028-IAA | ASE24C5E-IAA | 1250 | 1420 | 1610 | 1810 | 2030 | 2270 | 2520 | 2790 | 3070  |
| M6PM-0030-IAA | ASE24C5E-IAA | 1270 | 1450 | 1640 | 1850 | 2080 | 2320 | 2580 | 2860 | 3160  |
| M6EM-H034-IAA | ASE24C5E-IAA | 1280 | 1470 | 1670 | 1890 | 2130 | 2390 | 2670 | 2970 | 3290  |
| M6TM-0032-IAA | ASE28C5E-IAA |      | 1770 | 1900 | 2080 | 2310 | 2580 | 2890 | 3250 | 3650  |
| M6TM-0032-IAV | ASE28C5E-IAV |      | 1770 | 1900 | 2080 | 2310 | 2580 | 2890 | 3250 | 3650  |
| M6EM-0034-IAA | ASE28C5E-IAA |      | 1850 | 1920 | 2090 | 2340 | 2650 | 3010 | 3370 | 3740  |
| M6EM-H040-IAA | ASE28C5E-IAA | 1940 | 1880 | 1960 | 2150 | 2420 | 2750 | 3130 | 3520 | 3910  |
| M6EM-H051-IAA | ASE39C5E-IAA |      | 2500 | 2610 | 2860 | 3210 | 3620 | 4060 | 4500 | 4910  |
| M6EP-H056-CAA | RST45C1E-CAA |      | 2300 | 2620 | 2950 | 3310 | 3690 | 4100 | 4540 | 4990  |
| M6EP-H056-IAA | RST45C1E-IAA |      | 2300 | 2620 | 2950 | 3310 | 3690 | 4100 | 4540 | 4990  |
| M6BP-0064-CAA | RST45C1E-CAA | 2130 | 2470 | 2840 | 3260 | 3720 | 4210 | 4760 | 5340 | 5970  |
| M6BP-0064-CAV | RST45C1E-CAV | 2130 | 2470 | 2840 | 3260 | 3720 | 4210 | 4760 | 5340 | 5970  |
| M6BP-0075-CAA | RST55C1E-CAA | 2690 | 3040 | 3460 | 3950 | 4490 | 5090 | 5740 | 6430 | 7170  |
| M6BP-0075-CAV | RST55C1E-CAV | 2690 | 3040 | 3460 | 3950 | 4490 | 5090 | 5740 | 6430 | 7170  |
| M6BP-0096-CFV | RST70C1E-PFV | 3450 | 4000 | 4580 | 5180 | 5810 | 6460 | 7140 | 7820 | 8530  |
| M6BP-0092-CAV | RST64C1E-CAV | 3550 | 4050 | 4570 | 5140 | 5740 | 6400 | 7100 | 7850 | 8660  |
| M6BP-0092-CFA | RST64C1E-CFA | 3550 | 4050 | 4570 | 5140 | 5740 | 6400 | 7100 | 7850 | 8660  |
| M6BP-0106-CFV | RST80C1E-PFV |      | 4580 | 5200 | 5850 | 6520 | 7220 | 7960 | 8710 | 9490  |
| M6BP-0116-CFV | RST97C1E-PFV |      | 5140 | 5840 | 6570 | 7310 | 8070 | 8820 | 9590 | 10300 |

Capacities rated at 40°F return gas, 5°F subcooling

# R-449A Condensate Base MT/EMT

# Copeland air-cooled condensing units

| Model         | Compressor   | -10 | -5   | 0    | 5    | 10   | 15   | 20   | 25   | 30   |
|---------------|--------------|-----|------|------|------|------|------|------|------|------|
| 100° Ambient  |              |     |      |      |      |      |      |      |      |      |
| M6TM-0020-IAA | ASE12C4E-IAA |     | 727  | 850  | 981  | 1120 | 1270 | 1420 | 1580 | 1760 |
| M6EM-0020-IAA | ASE12C4E-IAA |     | 732  | 858  | 992  | 1130 | 1290 | 1450 | 1620 | 1800 |
| M6PM-0020-IAA | ASE12C4E-IAA |     | 732  | 858  | 992  | 1130 | 1290 | 1450 | 1620 | 1800 |
| M6EM-H022-IAA | ASE12C4E-IAA |     | 734  | 863  | 1000 | 1150 | 1300 | 1470 | 1650 | 1840 |
| M6TM-0022-IAA | ASE14C4E-IAA |     | 907  | 1050 | 1190 | 1340 | 1500 | 1670 | 1860 | 2060 |
| M6EM-0023-IAA | ASE14C4E-IAA |     | 917  | 1060 | 1210 | 1360 | 1530 | 1710 | 1900 | 2100 |
| M6PM-0023-IAA | ASE14C4E-IAA |     | 917  | 1060 | 1210 | 1360 | 1530 | 1710 | 1900 | 2100 |
| M6QM-H025-IAA | ASE14C4E-IAA |     | 919  | 1060 | 1210 | 1370 | 1540 | 1720 | 1920 | 2130 |
| M6EM-H026-IAA | ASE14C4E-IAA |     | 923  | 1070 | 1220 | 1390 | 1560 | 1740 | 1950 | 2160 |
| M6TM-0027-IAA | ASE20C4E-IAA |     |      | 1370 | 1530 | 1700 | 1860 | 2020 | 2210 | 2410 |
| M6TM-0027-IAV | ASE20C4E-IAV |     |      | 1370 | 1530 | 1700 | 1860 | 2020 | 2210 | 2410 |
| M6EM-0028-IAA | ASE20C4E-IAA |     | 1190 | 1380 | 1560 | 1730 | 1900 | 2080 | 2280 | 2490 |
| M6PM-0028-CAA | ASE20C4E-CAA |     | 1190 | 1380 | 1560 | 1730 | 1900 | 2080 | 2280 | 2490 |
| M6PM-0028-IAA | ASE20C4E-IAA |     | 1190 | 1380 | 1560 | 1730 | 1900 | 2080 | 2280 | 2490 |
| M6EM-H032-CAA | ASE20C4E-CAA |     | 1190 | 1350 | 1540 | 1750 | 1980 | 2230 | 2490 | 2770 |
| M6TM-0028-IAA | ASE24C5E-IAA |     |      | 1450 | 1630 | 1830 | 2050 | 2280 | 2530 | 2790 |
| M6PM-0030-IAA | ASE24C5E-IAA |     | 1310 | 1480 | 1670 | 1880 | 2110 | 2350 | 2610 | 2880 |
| M6EM-H034-IAA | ASE24C5E-IAA |     | 1330 | 1510 | 1710 | 1930 | 2170 | 2430 | 2700 | 3000 |
| M6TM-0032-IAA | ASE28C5E-IAA |     |      | 1740 | 1910 | 2120 | 2360 | 2650 | 2980 | 3340 |
| M6TM-0032-IAV | ASE28C5E-IAV |     |      | 1740 | 1910 | 2120 | 2360 | 2650 | 2980 | 3340 |
| M6EM-0034-IAA | ASE28C5E-IAA |     |      | 1760 | 1900 | 2120 | 2400 | 2730 | 3080 | 3440 |
| M6EM-H040-IAA | ASE28C5E-IAA |     |      | 1800 | 1950 | 2190 | 2490 | 2840 | 3220 | 3590 |
| M6EM-H051-IAA | ASE39C5E-IAA |     |      | 2410 | 2610 | 2920 | 3290 | 3690 | 4090 | 4460 |
| M6EP-H056-CAA | RST45C1E-CAA |     |      | 2360 | 2660 | 2990 | 3330 | 3700 | 4090 | 4500 |
| M6EP-H056-IAA | RST45C1E-IAA |     |      | 2360 | 2660 | 2990 | 3330 | 3700 | 4090 | 4500 |
| M6BP-0064-CAA | RST45C1E-CAA |     | 2210 | 2560 | 2940 | 3360 | 3810 | 4310 | 4840 | 5420 |
| M6BP-0064-CAV | RST45C1E-CAV |     | 2210 | 2560 | 2940 | 3360 | 3810 | 4310 | 4840 | 5420 |
| M6BP-0075-CAA | RST55C1E-CAA |     | 2690 | 3070 | 3510 | 4010 | 4560 | 5170 | 5830 | 6520 |
| M6BP-0075-CAV | RST55C1E-CAV |     | 2690 | 3070 | 3510 | 4010 | 4560 | 5170 | 5830 | 6520 |
| M6BP-0092-CAV | RST64C1E-CAV |     |      | 4180 | 4700 | 5260 | 5860 | 6500 | 7190 | 7940 |
| M6BP-0092-CFA | RST64C1E-CFA |     |      | 4180 | 4700 | 5260 | 5860 | 6500 | 7190 | 7940 |
| M6BP-0096-CFV | RST70C1E-PFV |     |      | 4150 | 4720 | 5320 | 5930 | 6560 | 7200 | 7860 |
| M6BP-0106-CFV | RST80C1E-PFV |     |      | 4690 | 5300 | 5940 | 6600 | 7290 | 8000 | 8740 |
| M6BP-0116-CFV | RST97C1E-PFV |     |      |      | 5970 | 6680 | 7390 | 8110 | 8820 |      |

Capacities rated at 40°F return gas, 5°F subcooling

# R-449A Condensate Base MT/EMT

# Copeland air-cooled condensing units

| Model         | Compressor   | -10 | -5 | 0   | 5    | 10   | 15   | 20   | 25   | 30   |
|---------------|--------------|-----|----|-----|------|------|------|------|------|------|
| 110° Ambient  |              |     |    |     |      |      |      |      |      |      |
| M6TM-0020-IAA | ASE12C4E-IAA |     |    | 790 | 904  | 1030 | 1150 | 1290 | 1440 | 1590 |
| M6EM-0020-IAA | ASE12C4E-IAA |     |    | 780 | 901  | 1030 | 1170 | 1310 | 1460 | 1630 |
| M6PM-0020-IAA | ASE12C4E-IAA |     |    | 780 | 901  | 1030 | 1170 | 1310 | 1460 | 1630 |
| M6EM-H022-IAA | ASE12C4E-IAA |     |    | 769 | 895  | 1030 | 1170 | 1320 | 1490 | 1660 |
| M6TM-0022-IAA | ASE14C4E-IAA |     |    | 961 | 1090 | 1220 | 1370 | 1520 | 1690 | 1870 |
| M6EM-0023-IAA | ASE14C4E-IAA |     |    | 964 | 1100 | 1240 | 1390 | 1560 | 1730 | 1920 |
| M6PM-0023-IAA | ASE14C4E-IAA |     |    | 964 | 1100 | 1240 | 1390 | 1560 | 1730 | 1920 |
| M6QM-H025-IAA | ASE14C4E-IAA |     |    | 955 | 1090 | 1240 | 1400 | 1560 | 1740 | 1940 |
| M6EM-H026-IAA | ASE14C4E-IAA |     |    | 961 | 1100 | 1250 | 1410 | 1590 | 1770 | 1970 |
| M6TM-0027-IAA | ASE20C4E-IAA |     |    |     | 1430 | 1560 | 1680 | 1810 | 1950 | 2120 |
| M6TM-0027-IAV | ASE20C4E-IAV |     |    |     | 1430 | 1560 | 1680 | 1810 | 1950 | 2120 |
| M6EM-0028-IAA | ASE20C4E-IAA |     |    |     | 1450 | 1590 | 1720 | 1870 | 2030 | 2210 |
| M6PM-0028-CAA | ASE20C4E-CAA |     |    |     | 1450 | 1590 | 1720 | 1870 | 2030 | 2210 |
| M6PM-0028-IAA | ASE20C4E-IAA |     |    |     | 1450 | 1590 | 1720 | 1870 | 2030 | 2210 |
| M6EM-H032-CAA | ASE20C4E-CAA |     |    |     | 1380 | 1580 | 1790 | 2010 | 2250 | 2510 |
| M6TM-0028-IAA | ASE24C5E-IAA |     |    |     | 1470 | 1650 | 1830 | 2040 | 2260 |      |
| M6PM-0030-IAA | ASE24C5E-IAA |     |    |     | 1510 | 1690 | 1890 | 2110 | 2340 | 2590 |
| M6EM-H034-IAA | ASE24C5E-IAA |     |    |     | 1540 | 1730 | 1950 | 2190 | 2440 | 2720 |
| M6TM-0032-IAA | ASE28C5E-IAA |     |    |     |      | 1920 | 2150 |      |      |      |
| M6TM-0032-IAV | ASE28C5E-IAV |     |    |     |      | 1920 | 2150 |      |      |      |
| M6EM-0034-IAA | ASE28C5E-IAA |     |    |     | 1730 | 1910 | 2170 | 2460 | 2790 |      |
| M6EM-H040-IAA | ASE28C5E-IAA |     |    |     | 1770 | 1980 | 2250 | 2580 | 2930 | 3290 |
| M6EM-H051-IAA | ASE39C5E-IAA |     |    |     |      | 2620 | 2940 | 3300 |      |      |
| M6EP-H056-CAA | RST45C1E-CAA |     |    |     |      | 2670 | 2970 |      |      |      |
| M6EP-H056-IAA | RST45C1E-IAA |     |    |     |      | 2670 | 2970 |      |      |      |
| M6BP-0064-CAA | RST45C1E-CAA |     |    |     | 2620 | 3000 | 3420 | 3870 | 4360 | 4890 |
| M6BP-0064-CAV | RST45C1E-CAV |     |    |     | 2620 | 3000 | 3420 | 3870 | 4360 | 4890 |
| M6BP-0075-CAA | RST55C1E-CAA |     |    |     | 3110 | 3570 | 4090 | 4660 | 5270 | 5930 |
| M6BP-0075-CAV | RST55C1E-CAV |     |    |     | 3110 | 3570 | 4090 | 4660 | 5270 | 5930 |
| M6BP-0092-CAV | RST64C1E-CAV |     |    |     |      | 4780 | 5330 | 5910 |      |      |
| M6BP-0092-CFA | RST64C1E-CFA |     |    |     |      | 4780 | 5330 | 5910 |      |      |
| M6BP-0096-CFV | RST70C1E-PFV |     |    |     | 4250 | 4820 | 5390 | 5980 | 6580 |      |
| M6BP-0106-CFV | RST80C1E-PFV |     |    |     |      | 5380 | 6000 |      |      |      |
| M6BP-0116-CFV | RST97C1E-PFV |     |    |     |      | 6080 |      |      |      |      |

Capacities rated at 40°F return gas, 5°F subcooling



# R-450A Condensate Base MT/EMT

# Copevap welded air-cooled condensing units

| Model         | Compressor   | -25  | -20  | -15  | -10  | -5   | 0    | 5    | 10   | 15   | 20   | 25   | 30   |
|---------------|--------------|------|------|------|------|------|------|------|------|------|------|------|------|
| 90° Ambient   |              |      |      |      |      |      |      |      |      |      |      |      |      |
| M7JM-0019-IAA | AFE05C4E-IAA | 406  | 487  | 574  | 669  | 771  | 883  | 1000 | 1140 | 1280 | 1430 |      |      |
| M7JM-H020-IAA | AFE05C4E-IAA | 424  | 509  | 601  | 702  | 810  | 929  | 1060 | 1200 | 1350 | 1510 |      |      |
| M7JP-0020-IAA | AFF07C1E-IAA | 451  | 531  | 617  | 709  | 808  | 916  | 1030 | 1160 | 1300 | 1440 | 1600 |      |
| M7ZP-0021-IAA | AFE05C4E-IAA | 428  | 515  | 609  | 711  | 821  | 942  | 1070 | 1210 | 1370 | 1540 |      |      |
| M7TP-0020-IAA | AFF07C1E-IAA | 465  | 547  | 635  | 730  | 834  | 946  | 1070 | 1200 | 1350 | 1510 | 1680 |      |
| M7EP-0021-IAA | AFF07C1E-IAA | 468  | 550  | 639  | 735  | 839  | 954  | 1080 | 1220 | 1370 | 1530 | 1710 |      |
| M7PP-0021-IAA | AFF07C1E-IAA | 468  | 550  | 639  | 735  | 839  | 954  | 1080 | 1220 | 1370 | 1530 | 1710 |      |
| M7JP-0029-IAA | AFF10C1E-IAA | 682  | 807  | 939  | 1080 | 1230 | 1390 | 1560 | 1750 | 1940 | 2150 | 2370 |      |
| M7PP-0032-IA3 | AFF10C1E-IA3 | 696  | 820  | 958  | 1110 | 1280 | 1460 | 1660 | 1880 | 2110 | 2360 | 2630 |      |
| M7TP-0032-IAA | AFF10C1E-IAA | 711  | 840  | 978  | 1130 | 1280 | 1460 | 1640 | 1850 | 2070 | 2300 | 2550 |      |
| M7EP-0032-IAA | AFF10C1E-IAA | 717  | 848  | 987  | 1140 | 1300 | 1480 | 1670 | 1870 | 2100 | 2340 | 2600 |      |
| M7PP-0032-IAA | AFF10C1E-IAA | 717  | 848  | 987  | 1140 | 1300 | 1480 | 1670 | 1870 | 2100 | 2340 | 2600 |      |
| M7JP-0031-IAA | AFF13C1E-IAA | 790  | 934  | 1090 | 1250 | 1420 | 1600 | 1790 | 2000 | 2210 | 2440 | 2680 |      |
| M7TP-0033-IAA | AFF13C1E-IAA | 826  | 976  | 1130 | 1300 | 1490 | 1680 | 1900 | 2130 | 2370 | 2640 | 2920 |      |
| M7EP-0034-IAA | AFF13C1E-IAA | 835  | 986  | 1150 | 1320 | 1510 | 1710 | 1930 | 2160 | 2420 | 2690 | 2990 |      |
| M7PP-0034-IAA | AFF13C1E-IAA | 835  | 986  | 1150 | 1320 | 1510 | 1710 | 1930 | 2160 | 2420 | 2690 | 2990 |      |
| M7JL-0034-IAA | AFE12C4E-IAA | 871  | 1010 | 1160 | 1340 | 1530 | 1730 | 1940 | 2160 | 2380 | 2600 |      |      |
| M7TM-0035-IAA | AFE12C4E-IAA | 910  | 1060 | 1220 | 1410 | 1620 | 1850 | 2090 | 2340 | 2610 | 2880 |      |      |
| M7JM-H036-IAA | AFE12C4E-IAA | 920  | 1070 | 1240 | 1430 | 1650 | 1880 | 2130 | 2390 | 2670 | 2960 |      |      |
| M7PM-0036-IAA | AFE12C4E-IAA | 920  | 1070 | 1240 | 1430 | 1650 | 1880 | 2130 | 2390 | 2670 | 2960 |      |      |
| M7ZP-0041-IAA | AFE12C4E-IAA | 935  | 1090 | 1260 | 1460 | 1690 | 1930 | 2190 | 2470 | 2760 | 3070 |      |      |
| M7ZM-0043-IAA | AFE13C5E-IAA | 949  | 1110 | 1300 | 1510 | 1740 | 1980 | 2250 | 2540 | 2840 | 3150 |      |      |
| M7ZP-H062-CFA | RFT18C1E-PFA | 1360 | 1670 | 2000 | 2330 | 2670 | 3030 | 3390 | 3760 | 4150 | 4540 | 4950 | 5360 |
| M7GP-H066-CFA | RFT18C1E-PFA | 1400 | 1720 | 2060 | 2410 | 2770 | 3140 | 3530 | 3930 | 4350 | 4780 | 5220 | 5680 |
| 100° Ambient  |              |      |      |      |      |      |      |      |      |      |      |      |      |
| M7JM-0019-IAA | AFE05C4E-IAA | 365  | 439  | 520  | 608  | 705  | 811  | 927  | 1050 | 1190 | 1340 |      |      |
| M7JM-H020-IAA | AFE05C4E-IAA | 382  | 461  | 547  | 641  | 744  | 858  | 981  | 1120 | 1260 | 1420 |      |      |
| M7ZP-0021-IAA | AFE05C4E-IAA | 387  | 467  | 555  | 651  | 756  | 872  | 998  | 1140 | 1290 | 1450 |      |      |
| M7JP-0020-IAA | AFF07C1E-IAA | 414  | 493  | 576  | 664  | 758  | 859  | 969  | 1090 | 1210 | 1350 | 1500 |      |
| M7TP-0020-IAA | AFF07C1E-IAA | 428  | 508  | 593  | 684  | 782  | 888  | 1000 | 1130 | 1270 | 1410 | 1580 |      |
| M7EP-0021-IAA | AFF07C1E-IAA | 430  | 511  | 596  | 688  | 787  | 894  | 1010 | 1140 | 1280 | 1430 | 1600 |      |
| M7PP-0021-IAA | AFF07C1E-IAA | 430  | 511  | 596  | 688  | 787  | 894  | 1010 | 1140 | 1280 | 1430 | 1600 |      |
| M7JP-0029-IAA | AFF10C1E-IAA | 621  | 743  | 870  | 1000 | 1150 | 1300 | 1460 | 1630 | 1810 | 2000 | 2200 |      |
| M7PP-0032-IA3 | AFF10C1E-IA3 | 625  | 742  | 871  | 1010 | 1170 | 1350 | 1530 | 1740 | 1960 | 2190 | 2440 |      |
| M7TP-0032-IAA | AFF10C1E-IAA | 649  | 775  | 907  | 1050 | 1200 | 1360 | 1540 | 1720 | 1930 | 2150 | 2380 |      |
| M7EP-0032-IAA | AFF10C1E-IAA | 654  | 782  | 916  | 1060 | 1210 | 1380 | 1560 | 1750 | 1960 | 2190 | 2430 |      |
| M7PP-0032-IAA | AFF10C1E-IAA | 654  | 782  | 916  | 1060 | 1210 | 1380 | 1560 | 1750 | 1960 | 2190 | 2430 |      |
| M7JP-0031-IAA | AFF13C1E-IAA | 717  | 858  | 1000 | 1160 | 1320 | 1490 | 1670 | 1850 | 2050 | 2260 | 2480 |      |
| M7TP-0033-IAA | AFF13C1E-IAA | 753  | 899  | 1050 | 1210 | 1390 | 1570 | 1770 | 1980 | 2210 | 2460 | 2720 |      |
| M7EP-0034-IAA | AFF13C1E-IAA | 762  | 909  | 1060 | 1230 | 1410 | 1600 | 1800 | 2020 | 2260 | 2510 | 2780 |      |
| M7JL-0034-IAA | AFE12C4E-IAA | 809  | 933  | 1080 | 1230 | 1410 | 1590 | 1780 | 1970 | 2170 |      |      |      |
| M7PP-0034-IAA | AFF13C1E-IAA | 762  | 909  | 1060 | 1230 | 1410 | 1600 | 1800 | 2020 | 2260 | 2510 | 2780 |      |
| M7TM-0035-IAA | AFE12C4E-IAA | 842  | 978  | 1130 | 1310 | 1500 | 1710 | 1930 | 2170 | 2410 | 2670 |      |      |
| M7JM-H036-IAA | AFE12C4E-IAA | 851  | 989  | 1150 | 1330 | 1530 | 1750 | 1980 | 2220 | 2480 | 2740 |      |      |
| M7PM-0036-IAA | AFE12C4E-IAA | 851  | 989  | 1150 | 1330 | 1530 | 1750 | 1980 | 2220 | 2480 | 2740 |      |      |
| M7ZP-0041-IAA | AFE12C4E-IAA | 865  | 1010 | 1170 | 1360 | 1570 | 1800 | 2040 | 2300 | 2580 | 2860 |      |      |
| M7ZM-0043-IAA | AFE13C5E-IAA | 873  | 1030 | 1200 | 1400 | 1610 | 1840 | 2090 | 2360 | 2640 | 2930 |      |      |
| M7ZP-H062-CFA | RFT18C1E-PFA | 1160 | 1470 | 1780 | 2110 | 2440 | 2780 | 3130 | 3490 | 3850 | 4230 | 4610 | 5010 |
| M7GP-H066-CFA | RFT18C1E-PFA | 1210 | 1530 | 1860 | 2190 | 2540 | 2900 | 3270 | 3650 | 4040 | 4450 | 4870 | 5300 |

Capacities rated at 40°F return gas, 5°F subcooling

## R-450A Condensate Base MT/EMT

## Copevap welded air-cooled condensing units

| Model         | Compressor   | -25 | -20 | -15  | -10  | -5   | 0    | 5    | 10   | 15   | 20   | 25   | 30   |
|---------------|--------------|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 110° Ambient  |              |     |     |      |      |      |      |      |      |      |      |      |      |
| M7JM-0019-IAA | AFE05C4E-IAA | 321 | 388 | 462  | 544  | 634  | 734  | 844  | 965  | 1100 | 1240 |      |      |
| M7JM-H020-IAA | AFE05C4E-IAA | 336 | 407 | 486  | 574  | 672  | 780  | 899  | 1030 | 1170 | 1330 |      |      |
| M7ZP-0021-IAA | AFE05C4E-IAA | 343 | 417 | 498  | 587  | 687  | 797  | 918  | 1050 | 1200 | 1360 |      |      |
| M7JP-0020-IAA | AFF07C1E-IAA | 375 | 453 | 533  | 618  | 707  | 802  | 903  | 1010 | 1130 | 1260 | 1390 |      |
| M7TP-0020-IAA | AFF07C1E-IAA | 387 | 466 | 549  | 636  | 729  | 829  | 937  | 1050 | 1180 | 1320 | 1470 |      |
| M7EP-0021-IAA | AFF07C1E-IAA | 389 | 469 | 552  | 640  | 734  | 835  | 945  | 1060 | 1190 | 1340 | 1490 |      |
| M7PP-0021-IAA | AFF07C1E-IAA | 389 | 469 | 552  | 640  | 734  | 835  | 945  | 1060 | 1190 | 1340 | 1490 |      |
| M7PP-0032-IA3 | AFF10C1E-IA3 | 554 | 663 | 784  | 918  | 1070 | 1230 | 1400 | 1590 | 1800 | 2020 | 2260 |      |
| M7JP-0029-IAA | AFF10C1E-IAA |     | 673 | 795  | 922  | 1050 | 1190 | 1340 | 1500 | 1670 |      |      |      |
| M7TP-0032-IAA | AFF10C1E-IAA | 580 | 704 | 833  | 968  | 1110 | 1260 | 1430 | 1600 | 1790 | 1990 | 2210 |      |
| M7EP-0032-IAA | AFF10C1E-IAA | 586 | 711 | 842  | 979  | 1120 | 1280 | 1450 | 1630 | 1820 | 2030 | 2260 |      |
| M7PP-0032-IAA | AFF10C1E-IAA | 586 | 711 | 842  | 979  | 1120 | 1280 | 1450 | 1630 | 1820 | 2030 | 2260 |      |
| M7JP-0031-IAA | AFF13C1E-IAA |     | 774 | 914  | 1060 | 1210 | 1370 | 1530 | 1700 |      |      |      |      |
| M7JL-0034-IAA | AFE12C4E-IAA |     |     | 984  | 1120 | 1280 | 1440 |      |      |      |      |      |      |
| M7TP-0033-IAA | AFF13C1E-IAA | 673 | 817 | 965  | 1120 | 1280 | 1460 | 1640 | 1840 | 2050 | 2280 | 2520 |      |
| M7EP-0034-IAA | AFF13C1E-IAA | 682 | 827 | 978  | 1140 | 1300 | 1480 | 1670 | 1880 | 2100 | 2330 | 2580 |      |
| M7PP-0034-IAA | AFF13C1E-IAA | 682 | 827 | 978  | 1140 | 1300 | 1480 | 1670 | 1880 | 2100 | 2330 | 2580 |      |
| M7TM-0035-IAA | AFE12C4E-IAA |     | 901 | 1040 | 1200 | 1380 | 1570 | 1770 | 1990 | 2200 | 2430 |      |      |
| M7JM-H036-IAA | AFE12C4E-IAA |     | 912 | 1060 | 1220 | 1400 | 1600 | 1810 | 2040 | 2270 | 2510 |      |      |
| M7PM-0036-IAA | AFE12C4E-IAA |     | 912 | 1060 | 1220 | 1400 | 1600 | 1810 | 2040 | 2270 | 2510 |      |      |
| M7ZP-0041-IAA | AFE12C4E-IAA | 801 | 931 | 1080 | 1250 | 1450 | 1660 | 1880 | 2120 | 2370 | 2640 |      |      |
| M7ZM-0043-IAA | AFE13C5E-IAA | 798 | 942 | 1110 | 1290 | 1490 | 1710 | 1940 | 2180 | 2440 | 2710 |      |      |
| M7ZP-H062-CFA | RFT18C1E-PFA |     |     | 1550 | 1870 | 2190 | 2530 | 2870 | 3220 | 3570 | 3940 | 4320 |      |
| M7GP-H066-CFA | RFT18C1E-PFA |     |     | 1620 | 1950 | 2290 | 2640 | 3000 | 3370 | 3750 | 4130 | 4540 | 4950 |

Capacities rated at 40°F return gas, 5°F subcooling

# R-450A Condensate Base HT

# Copevap welded air-cooled condensing units

| Model         | Compressor   | -10  | -5   | 0    | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   |
|---------------|--------------|------|------|------|------|------|------|------|------|------|------|------|------|
| 90° Ambient   |              |      |      |      |      |      |      |      |      |      |      |      |      |
| M7TH-0012-IAA | ARE13C4E-IAA |      |      | 547  | 630  | 721  | 821  | 931  | 1050 | 1180 | 1320 | 1470 | 1630 |
| M7PH-0012-IAA | ARE13C4E-IAA |      |      | 550  | 635  | 727  | 828  | 939  | 1060 | 1190 | 1340 | 1490 | 1660 |
| M7TH-0015-IAA | ARE17C4E-IAA |      |      | 677  | 776  | 883  | 1000 | 1130 | 1260 | 1410 | 1570 | 1740 | 1930 |
| M7PH-0015-IAA | ARE17C4E-IAA |      |      | 682  | 782  | 890  | 1010 | 1140 | 1280 | 1430 | 1590 | 1770 | 1950 |
| M7TH-0020-IAA | ARE25C4E-IAA |      |      | 931  | 1060 | 1200 | 1360 | 1520 | 1700 | 1890 | 2100 | 2320 | 2560 |
| M7EH-0020-IAA | ARE25C4E-IAA |      |      | 939  | 1070 | 1220 | 1370 | 1540 | 1730 | 1920 | 2130 | 2360 | 2600 |
| M7PH-0020-IAA | ARE25C4E-IAA |      |      | 939  | 1070 | 1220 | 1370 | 1540 | 1730 | 1920 | 2130 | 2360 | 2600 |
| M7TH-0023-IAA | ARE29C4E-IAA |      |      | 1120 | 1260 | 1410 | 1590 | 1770 | 1980 | 2200 | 2430 | 2670 | 2930 |
| M7EH-0024-IAA | ARE29C4E-IAA |      |      | 1140 | 1270 | 1430 | 1610 | 1800 | 2020 | 2240 | 2480 | 2730 | 3000 |
| M7PH-0024-IAA | ARE29C4E-IAA |      |      | 1140 | 1270 | 1430 | 1610 | 1800 | 2020 | 2240 | 2480 | 2730 | 3000 |
| M7TH-0025-IAA | ARE34C4E-IAA |      |      | 1270 | 1420 | 1590 | 1780 | 1990 | 2220 | 2470 | 2730 | 3000 | 3280 |
| M7TH-0028-IAA | ARE35C5E-IAA |      |      | 1250 | 1420 | 1610 | 1820 | 2040 | 2280 | 2540 | 2810 | 3090 | 3400 |
| M7EH-0029-IAA | ARE35C5E-IAA |      |      | 1270 | 1440 | 1640 | 1850 | 2070 | 2320 | 2580 | 2860 | 3160 | 3470 |
| M7PH-0029-IAA | ARE35C5E-IAA |      |      | 1270 | 1440 | 1640 | 1850 | 2070 | 2320 | 2580 | 2860 | 3160 | 3470 |
| M7TH-0036-IAA | ARE48C5E-IAA |      |      | 1670 | 1910 | 2160 | 2420 | 2700 | 2990 | 3290 | 3610 | 3940 | 4280 |
| M7EH-0037-IAA | ARE48C5E-IAA |      |      | 1690 | 1940 | 2190 | 2470 | 2750 | 3060 | 3370 | 3710 | 4050 | 4410 |
| M7PH-0038-IAA | ARE48C5E-IAA |      |      | 1690 | 1940 | 2190 | 2470 | 2750 | 3060 | 3370 | 3710 | 4050 | 4410 |
| M7EH-0041-IAA | ARE54C5E-IAA |      |      | 1890 | 2160 | 2450 | 2750 | 3070 | 3400 | 3740 | 4100 | 4460 | 4840 |
| M7PH-0042-IAA | ARE54C5E-IAA |      |      | 1890 | 2160 | 2450 | 2750 | 3070 | 3400 | 3740 | 4100 | 4460 | 4840 |
| M7BH-0060-CAV | RRT64C1E-CAV | 2050 | 2330 | 2650 | 3000 | 3390 | 3810 | 4260 | 4740 | 5250 | 5790 | 6350 | 6930 |
| M7BH-0060-CAA | RRT64C1E-CAA | 2070 | 2330 | 2640 | 3000 | 3390 | 3820 | 4280 | 4780 | 5300 | 5840 | 6390 | 6960 |
| M7BH-0064-CAA | RRT73C1E-CAA | 2250 | 2540 | 2880 | 3260 | 3670 | 4120 | 4590 | 5090 | 5610 | 6150 | 6710 | 7280 |
| M7BH-0064-CAV | RRT73C1E-CAV | 2160 | 2540 | 2930 | 3360 | 3800 | 4270 | 4760 | 5290 | 5840 | 6420 | 7030 | 7670 |
| M7BH-0075-CFA | RRT81C1E-PFA |      | 2840 | 3270 | 3750 | 4260 | 4810 | 5390 | 6010 | 6650 | 7320 | 8020 | 8730 |
| M7BH-0075-CFV | RRT81C1E-PFV |      | 2730 | 3100 | 3570 | 4120 | 4730 | 5380 | 6050 | 6740 | 7430 | 8110 | 8770 |
| M7BH-0086-CFA | RRT10K1E-PFA |      | 3370 | 3870 | 4410 | 4980 | 5580 | 6210 | 6860 | 7540 | 8230 | 8940 | 9660 |
| M7BH-0086-CFV | RRT10K1E-PFV |      | 3430 | 3970 | 4520 | 5080 | 5650 | 6250 | 6860 | 7500 | 8160 | 8850 | 9560 |
| 100° Ambient  |              |      |      |      |      |      |      |      |      |      |      |      |      |
| M7TH-0012-IAA | ARE13C4E-IAA |      |      | 501  | 580  | 665  | 759  | 861  | 972  | 1090 | 1220 | 1360 | 1520 |
| M7PH-0012-IAA | ARE13C4E-IAA |      |      | 505  | 584  | 671  | 766  | 869  | 982  | 1110 | 1240 | 1380 | 1540 |
| M7TH-0015-IAA | ARE17C4E-IAA |      |      | 627  | 719  | 820  | 929  | 1050 | 1180 | 1320 | 1470 | 1630 | 1800 |
| M7PH-0015-IAA | ARE17C4E-IAA |      |      | 632  | 725  | 827  | 939  | 1060 | 1190 | 1330 | 1490 | 1650 | 1830 |
| M7TH-0020-IAA | ARE25C4E-IAA |      |      | 862  | 983  | 1120 | 1260 | 1410 | 1580 | 1770 | 1960 | 2170 | 2400 |
| M7EH-0020-IAA | ARE25C4E-IAA |      |      | 871  | 994  | 1130 | 1280 | 1440 | 1610 | 1800 | 2000 | 2210 | 2440 |
| M7PH-0020-IAA | ARE25C4E-IAA |      |      | 871  | 994  | 1130 | 1280 | 1440 | 1610 | 1800 | 2000 | 2210 | 2440 |
| M7TH-0023-IAA | ARE29C4E-IAA |      |      | 1050 | 1170 | 1310 | 1470 | 1640 | 1830 | 2030 | 2250 | 2470 | 2700 |
| M7EH-0024-IAA | ARE29C4E-IAA |      |      | 1060 | 1180 | 1330 | 1490 | 1670 | 1860 | 2070 | 2300 | 2530 | 2770 |
| M7PH-0024-IAA | ARE29C4E-IAA |      |      | 1060 | 1180 | 1330 | 1490 | 1670 | 1860 | 2070 | 2300 | 2530 | 2770 |
| M7TH-0025-IAA | ARE34C4E-IAA |      |      | 1180 | 1310 | 1470 | 1640 | 1840 | 2050 | 2270 | 2510 | 2760 | 3030 |
| M7TH-0028-IAA | ARE35C5E-IAA |      |      | 1160 | 1320 | 1500 | 1700 | 1910 | 2130 | 2370 | 2630 | 2900 | 3190 |
| M7EH-0029-IAA | ARE35C5E-IAA |      |      | 1180 | 1340 | 1520 | 1720 | 1940 | 2170 | 2420 | 2690 | 2960 | 3260 |
| M7PH-0029-IAA | ARE35C5E-IAA |      |      | 1180 | 1340 | 1520 | 1720 | 1940 | 2170 | 2420 | 2690 | 2960 | 3260 |
| M7TH-0036-IAA | ARE48C5E-IAA |      |      | 1570 | 1790 | 2020 | 2260 | 2520 | 2780 | 3060 | 3350 | 3650 |      |
| M7EH-0037-IAA | ARE48C5E-IAA |      |      | 1590 | 1820 | 2050 | 2310 | 2570 | 2850 | 3140 | 3450 | 3770 | 4090 |
| M7PH-0038-IAA | ARE48C5E-IAA |      |      | 1590 | 1820 | 2050 | 2310 | 2570 | 2850 | 3140 | 3450 | 3770 | 4090 |
| M7EH-0041-IAA | ARE54C5E-IAA |      |      | 1750 | 2010 | 2280 | 2570 | 2860 | 3170 | 3490 | 3810 | 4150 |      |
| M7PH-0042-IAA | ARE54C5E-IAA |      |      | 1750 | 2010 | 2280 | 2570 | 2860 | 3170 | 3490 | 3810 | 4150 |      |
| M7BH-0060-CAV | RRT64C1E-CAV |      |      | 2380 | 2720 | 3090 | 3490 | 3920 | 4380 | 4860 | 5370 | 5900 | 6460 |
| M7BH-0060-CAA | RRT64C1E-CAA |      |      | 2440 | 2780 | 3160 | 3560 | 4000 | 4450 | 4930 | 5430 | 5930 | 6450 |
| M7BH-0064-CAA | RRT73C1E-CAA |      |      | 2690 | 3040 | 3420 | 3840 | 4280 | 4750 | 5240 | 5750 | 6280 | 6820 |
| M7BH-0064-CAV | RRT73C1E-CAV |      |      | 2640 | 3050 | 3470 | 3920 | 4390 | 4880 | 5400 | 5950 | 6520 | 7120 |
| M7BH-0075-CFV | RRT81C1E-PFV |      |      | 2750 | 3160 | 3660 | 4230 | 4850 | 5500 | 6180 | 6860 | 7540 | 8200 |
| M7BH-0075-CFA | RRT81C1E-PFA |      |      | 2960 | 3420 | 3900 | 4420 | 4980 | 5560 | 6160 | 6790 | 7440 | 8110 |
| M7BH-0086-CFV | RRT10K1E-PFV |      |      |      | 4140 | 4670 | 5210 | 5760 | 6330 | 6910 | 7520 | 8160 | 8810 |
| M7BH-0086-CFA | RRT10K1E-PFA |      |      | 3540 | 4040 | 4580 | 5150 | 5740 | 6360 | 7000 | 7650 | 8320 | 9000 |

Capacities rated at 40°F return gas, 5°F subcooling

# R-450A Condensate Base HT

# Copevap welded air-cooled condensing units

| Model         | Compressor   | -10 | -5 | 0    | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   |
|---------------|--------------|-----|----|------|------|------|------|------|------|------|------|------|------|
| 110° Ambient  |              |     |    |      |      |      |      |      |      |      |      |      |      |
| M7TH-0012-IAA | ARE13C4E-IAA |     |    | 454  | 527  | 606  | 692  | 786  | 888  | 1000 | 1120 | 1250 | 1390 |
| M7PH-0012-IAA | ARE13C4E-IAA |     |    | 457  | 531  | 611  | 698  | 794  | 899  | 1010 | 1140 | 1270 | 1420 |
| M7TH-0015-IAA | ARE17C4E-IAA |     |    | 573  | 659  | 753  | 855  | 966  | 1090 | 1220 | 1360 | 1510 | 1670 |
| M7PH-0015-IAA | ARE17C4E-IAA |     |    | 577  | 664  | 760  | 864  | 977  | 1100 | 1230 | 1380 | 1530 | 1700 |
| M7TH-0020-IAA | ARE25C4E-IAA |     |    |      | 898  | 1020 | 1150 | 1290 | 1450 | 1620 | 1810 | 2000 | 2220 |
| M7EH-0020-IAA | ARE25C4E-IAA |     |    | 797  | 909  | 1030 | 1170 | 1320 | 1480 | 1650 | 1840 | 2050 | 2270 |
| M7PH-0020-IAA | ARE25C4E-IAA |     |    | 797  | 909  | 1030 | 1170 | 1320 | 1480 | 1650 | 1840 | 2050 | 2270 |
| M7TH-0023-IAA | ARE29C4E-IAA |     |    |      | 1080 | 1210 | 1350 | 1510 | 1680 | 1860 | 2060 | 2260 | 2470 |
| M7EH-0024-IAA | ARE29C4E-IAA |     |    |      | 1090 | 1220 | 1370 | 1540 | 1710 | 1900 | 2110 | 2320 | 2540 |
| M7PH-0024-IAA | ARE29C4E-IAA |     |    |      | 1090 | 1220 | 1370 | 1540 | 1710 | 1900 | 2110 | 2320 | 2540 |
| M7TH-0025-IAA | ARE34C4E-IAA |     |    |      |      | 1350 | 1510 | 1680 | 1870 | 2080 | 2300 | 2530 | 2760 |
| M7TH-0028-IAA | ARE35C5E-IAA |     |    |      |      | 1390 | 1570 | 1770 | 1990 | 2210 | 2460 | 2710 |      |
| M7EH-0029-IAA | ARE35C5E-IAA |     |    | 1240 | 1410 | 1600 | 1800 | 2020 | 2260 | 2510 | 2770 | 3050 |      |
| M7PH-0029-IAA | ARE35C5E-IAA |     |    | 1240 | 1410 | 1600 | 1800 | 2020 | 2260 | 2510 | 2770 | 3050 |      |
| M7TH-0036-IAA | ARE48C5E-IAA |     |    |      |      |      |      | 2340 | 2570 |      |      |      |      |
| M7EH-0037-IAA | ARE48C5E-IAA |     |    |      |      |      | 2150 | 2390 | 2640 | 2910 |      |      |      |
| M7PH-0038-IAA | ARE48C5E-IAA |     |    |      |      |      | 2150 | 2390 | 2640 | 2910 |      |      |      |
| M7EH-0041-IAA | ARE54C5E-IAA |     |    |      |      |      |      |      | 2930 |      |      |      |      |
| M7PH-0042-IAA | ARE54C5E-IAA |     |    |      |      |      |      |      | 2930 |      |      |      |      |
| M7BH-0060-CAV | RRT64C1E-CAV |     |    |      | 2470 | 2820 | 3200 | 3610 | 4040 | 4500 | 4990 | 5490 | 6020 |
| M7BH-0060-CAA | RRT64C1E-CAA |     |    |      | 2540 | 2900 | 3270 | 3670 | 4090 | 4530 | 4980 | 5430 | 5900 |
| M7BH-0064-CAA | RRT73C1E-CAA |     |    |      | 2790 | 3160 | 3550 | 3970 | 4420 | 4890 | 5380 | 5890 | 6420 |
| M7BH-0064-CAV | RRT73C1E-CAV |     |    |      | 2770 | 3170 | 3590 | 4030 | 4490 | 4970 | 5480 | 6010 | 6570 |
| M7BH-0075-CFV | RRT81C1E-PFV |     |    |      | 2780 | 3220 | 3740 | 4330 | 4950 | 5610 | 6280 | 6950 |      |
| M7BH-0075-CFA | RRT81C1E-PFA |     |    |      |      | 3550 | 4030 | 4550 | 5090 | 5660 | 6250 | 6860 |      |
| M7BH-0086-CFV | RRT10K1E-PFV |     |    |      |      | 4250 | 4750 | 5260 | 5780 | 6320 | 6880 |      |      |
| M7BH-0086-CFA | RRT10K1E-PFA |     |    |      |      | 4160 | 4690 | 5250 | 5830 | 6430 |      |      |      |

Capacities rated at 40°F return gas, 5°F subcooling

# R-513A Medium Temp/EMT

# Copevap welded air-cooled condensing units

| Model         | Compressor   | -25  | -20  | -15  | -10  | -5   | 0    | 5    | 10   | 15   | 20   | 25   |
|---------------|--------------|------|------|------|------|------|------|------|------|------|------|------|
| 90° Ambient   |              |      |      |      |      |      |      |      |      |      |      |      |
| M7TP-0020-IAA | AFF07C1E-IAA | 595  | 690  | 794  | 907  | 1030 | 1160 | 1300 | 1450 | 1620 | 1790 | 1970 |
| M7EP-0021-IAA | AFF07C1E-IAA | 600  | 695  | 800  | 915  | 1040 | 1170 | 1320 | 1470 | 1640 | 1810 | 2000 |
| M7PP-0021-IAA | AFF07C1E-IAA | 600  | 695  | 800  | 915  | 1040 | 1170 | 1320 | 1470 | 1640 | 1810 | 2000 |
| M7PP-0032-IA3 | AFF10C1E-IA3 | 898  | 1050 | 1210 | 1390 | 1580 | 1790 | 2010 | 2250 | 2500 | 2760 | 3040 |
| M7TP-0032-IAA | AFF10C1E-IAA | 905  | 1050 | 1210 | 1390 | 1570 | 1770 | 1980 | 2210 | 2440 | 2690 | 2950 |
| M7EP-0032-IAA | AFF10C1E-IAA | 916  | 1070 | 1230 | 1410 | 1600 | 1800 | 2020 | 2250 | 2490 | 2750 | 3020 |
| M7PP-0032-IAA | AFF10C1E-IAA | 916  | 1070 | 1230 | 1410 | 1600 | 1800 | 2020 | 2250 | 2490 | 2750 | 3020 |
| M7TP-0033-IAA | AFF13C1E-IAA | 1050 | 1220 | 1400 | 1600 | 1810 | 2040 | 2280 | 2530 | 2790 | 3070 | 3360 |
| M7EP-0034-IAA | AFF13C1E-IAA | 1060 | 1240 | 1420 | 1630 | 1840 | 2080 | 2320 | 2580 | 2860 | 3150 | 3450 |
| M7PP-0034-IAA | AFF13C1E-IAA | 1060 | 1240 | 1420 | 1630 | 1840 | 2080 | 2320 | 2580 | 2860 | 3150 | 3450 |
| M7TM-0035-IAA | AFE12C4E-IAA | 1070 | 1240 | 1440 | 1670 | 1910 | 2180 | 2460 | 2750 | 3050 | 3360 |      |
| M7PM-0036-IAA | AFE12C4E-IAA | 1080 | 1260 | 1470 | 1700 | 1950 | 2220 | 2520 | 2820 | 3140 | 3460 |      |
| M7EM-H043-IAA | AFE13C5E-IAA | 1120 | 1320 | 1540 | 1790 | 2060 | 2360 | 2670 | 3000 | 3340 | 3700 |      |
| 100° Ambient  |              |      |      |      |      |      |      |      |      |      |      |      |
| M7TP-0020-IAA | AFF07C1E-IAA | 552  | 640  | 737  | 843  | 957  | 1080 | 1210 | 1350 | 1510 | 1670 | 1840 |
| M7EP-0021-IAA | AFF07C1E-IAA | 556  | 645  | 743  | 851  | 967  | 1090 | 1230 | 1370 | 1530 | 1690 | 1870 |
| M7PP-0021-IAA | AFF07C1E-IAA | 556  | 645  | 743  | 851  | 967  | 1090 | 1230 | 1370 | 1530 | 1690 | 1870 |
| M7PP-0032-IA3 | AFF10C1E-IA3 | 808  | 946  | 1100 | 1270 | 1450 | 1640 | 1850 | 2070 | 2300 | 2550 | 2800 |
| M7TP-0032-IAA | AFF10C1E-IAA | 830  | 967  | 1120 | 1280 | 1450 | 1640 | 1830 | 2040 | 2260 | 2490 | 2740 |
| M7EP-0032-IAA | AFF10C1E-IAA | 841  | 981  | 1130 | 1300 | 1480 | 1670 | 1870 | 2080 | 2310 | 2550 | 2810 |
| M7PP-0032-IAA | AFF10C1E-IAA | 841  | 981  | 1130 | 1300 | 1480 | 1670 | 1870 | 2080 | 2310 | 2550 | 2810 |
| M7TP-0033-IAA | AFF13C1E-IAA | 961  | 1120 | 1290 | 1470 | 1670 | 1880 | 2100 | 2330 | 2580 | 2840 | 3110 |
| M7EP-0034-IAA | AFF13C1E-IAA | 976  | 1140 | 1310 | 1500 | 1700 | 1920 | 2150 | 2390 | 2650 | 2910 | 3200 |
| M7PP-0034-IAA | AFF13C1E-IAA | 976  | 1140 | 1310 | 1500 | 1700 | 1920 | 2150 | 2390 | 2650 | 2910 | 3200 |
| M7TM-0035-IAA | AFE12C4E-IAA | 983  | 1140 | 1320 | 1530 | 1760 | 2000 | 2250 | 2520 | 2790 | 3070 |      |
| M7PM-0036-IAA | AFE12C4E-IAA | 997  | 1160 | 1350 | 1560 | 1800 | 2050 | 2320 | 2600 | 2890 | 3180 |      |
| M7EM-H043-IAA | AFE13C5E-IAA | 1030 | 1210 | 1420 | 1650 | 1900 | 2180 | 2470 | 2770 | 3090 | 3420 |      |
| 110° Ambient  |              |      |      |      |      |      |      |      |      |      |      |      |
| M7TP-0020-IAA | AFF07C1E-IAA | 504  | 587  | 677  | 775  | 882  | 997  | 1120 | 1250 | 1390 | 1540 | 1700 |
| M7EP-0021-IAA | AFF07C1E-IAA | 508  | 592  | 683  | 783  | 892  | 1010 | 1140 | 1270 | 1420 | 1570 | 1730 |
| M7PP-0021-IAA | AFF07C1E-IAA | 508  | 592  | 683  | 783  | 892  | 1010 | 1140 | 1270 | 1420 | 1570 | 1730 |
| M7PP-0032-IA3 | AFF10C1E-IA3 | 714  | 843  | 985  | 1140 | 1310 | 1490 | 1680 | 1890 | 2110 | 2330 | 2570 |
| M7TP-0032-IAA | AFF10C1E-IAA |      | 876  | 1020 | 1160 | 1330 | 1500 | 1680 | 1870 | 2080 | 2290 | 2520 |
| M7EP-0032-IAA | AFF10C1E-IAA | 760  | 890  | 1030 | 1180 | 1350 | 1530 | 1720 | 1920 | 2130 | 2350 | 2590 |
| M7PP-0032-IAA | AFF10C1E-IAA | 760  | 890  | 1030 | 1180 | 1350 | 1530 | 1720 | 1920 | 2130 | 2350 | 2590 |
| M7TP-0033-IAA | AFF13C1E-IAA |      | 1010 | 1170 | 1340 | 1520 | 1720 | 1920 | 2140 | 2360 | 2600 | 2850 |
| M7EP-0034-IAA | AFF13C1E-IAA |      | 1030 | 1190 | 1370 | 1560 | 1760 | 1970 | 2190 | 2430 | 2680 | 2940 |
| M7PP-0034-IAA | AFF13C1E-IAA |      | 1030 | 1190 | 1370 | 1560 | 1760 | 1970 | 2190 | 2430 | 2680 | 2940 |
| M7TM-0035-IAA | AFE12C4E-IAA |      | 1040 | 1210 | 1390 | 1590 | 1810 | 2040 | 2280 | 2520 |      |      |
| M7PM-0036-IAA | AFE12C4E-IAA |      | 1060 | 1230 | 1420 | 1640 | 1860 | 2100 | 2360 | 2610 | 2880 |      |
| M7EM-H043-IAA | AFE13C5E-IAA | 930  | 1100 | 1300 | 1510 | 1750 | 2000 | 2270 | 2550 | 2850 | 3150 |      |

Capacities rated at 40°F return gas (65° return gas for capacities in bold), 5°F subcooling

# R-513A Condensate Base HT

# Copevap welded air-cooled condensing units

| Model         | Compressor   | -5          | 0           | 5           | 10          | 15          | 20          | 25          | 30          | 35          | 40           | 45           |
|---------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|
| 90° Ambient   |              |             |             |             |             |             |             |             |             |             |              |              |
| M7TH-0012-IAA | ARE13C4E-IAA |             | 695         | 791         | 896         | 1010        | 1130        | 1270        | 1410        | 1570        | 1730         | 1910         |
| M7PH-0012-IAA | ARE13C4E-IAA |             | 701         | 799         | 905         | 1020        | 1150        | 1280        | 1430        | 1590        | 1760         | 1950         |
| M7EH-H016-IAA | ARE17C4E-IAA |             | 834         | 947         | 1070        | 1200        | 1350        | 1500        | 1670        |             |              |              |
| M7TH-0015-IAA | ARE17C4E-IAA |             | 861         | 974         | 1100        | 1230        | 1370        | 1520        | 1680        | 1860        | 2040         | 2240         |
| M7PH-0015-IAA | ARE17C4E-IAA |             | 869         | 984         | 1110        | 1240        | 1390        | 1540        | 1710        | 1890        | 2080         | 2280         |
| M7EH-H022-IAA | ARE25C4E-IAA |             | 1140        | 1290        | 1450        | 1630        | 1810        | 2010        | 2230        |             |              |              |
| M7TH-0020-IAA | ARE25C4E-IAA |             | 1180        | 1330        | 1490        | 1660        | 1840        | 2030        | 2240        | 2460        | 2700         | 2950         |
| M7EH-0020-IAA | ARE25C4E-IAA |             | 1190        | 1350        | 1510        | 1680        | 1870        | 2070        | 2290        | 2510        | 2760         | 3020         |
| M7PH-0020-IAA | ARE25C4E-IAA |             | 1190        | 1350        | 1510        | 1680        | 1870        | 2070        | 2290        | 2510        | 2760         | 3020         |
| M7TH-0023-IAA | ARE29C4E-IAA |             | 1420        | 1570        | 1740        | 1930        | 2130        | 2350        | 2580        | 2820        | 3070         | 3330         |
| M7TH-0025-IAA | ARE34C4E-IAA |             | 1430        | 1570        | 1740        | 1930        | 2130        | 2350        | 2590        | 2830        | 3090         | 3360         |
| M7TH-0025-IAV | ARE34C4E-IAV |             | 1430        | 1570        | 1740        | 1930        | 2130        | 2350        | 2590        | 2830        | 3090         | 3360         |
| M7EH-H026-IAA | ARE29C4E-IAA |             | 1400        | 1560        | 1730        | 1930        | 2140        | 2370        | 2620        |             |              |              |
| M7EH-0024-IAA | ARE29C4E-IAA |             | 1440        | 1600        | 1770        | 1960        | 2170        | 2400        | 2640        | 2890        | 3160         | 3430         |
| M7PH-0024-IAA | ARE29C4E-IAA |             | 1440        | 1600        | 1770        | 1960        | 2170        | 2400        | 2640        | 2890        | 3160         | 3430         |
| M7TH-0028-IAA | ARE35C5E-IAA |             | 1530        | 1740        | 1970        | 2220        | 2480        | 2750        | 3030        | 3310        | 3600         | 3900         |
| M7EH-H032-IAA | ARE35C5E-IAA |             | 1510        | 1720        | 1960        | 2210        | 2480        | 2770        | 3070        |             |              |              |
| M7EH-0029-IAA | ARE35C5E-IAA |             | 1560        | 1770        | 2010        | 2260        | 2530        | 2810        | 3100        | 3400        | 3710         | 4020         |
| M7PH-0029-IAA | ARE35C5E-IAA |             | 1560        | 1770        | 2010        | 2260        | 2530        | 2810        | 3100        | 3400        | 3710         | 4020         |
| M7TH-0036-IAA | ARE48C5E-IAA |             | 2110        | 2340        | 2600        | 2880        | 3170        | 3470        | 3790        | 4110        | 4430         | 4750         |
| M7TH-0036-IAV | ARE48C5E-IAV |             | 2110        | 2340        | 2600        | 2880        | 3170        | 3470        | 3790        | 4110        | 4430         | 4750         |
| M7EH-H041-IAA | ARE48C5E-IAA |             | 2000        | 2300        | 2610        | 2930        | 3270        | 3610        | 3960        |             |              |              |
| M7EH-H041-IAV | ARE48C5E-IAV |             | 2000        | 2300        | 2610        | 2930        | 3270        | 3610        | 3960        |             |              |              |
| M7EH-0037-IAA | ARE48C5E-IAA |             | 2070        | 2370        | 2680        | 2990        | 3320        | 3650        | 3980        | 4310        | 4640         | 4960         |
| M7PH-0038-IAA | ARE48C5E-IAA |             | 2070        | 2370        | 2680        | 2990        | 3320        | 3650        | 3980        | 4310        | 4640         | 4960         |
| M7EH-0041-IAA | ARE54C5E-IAA |             | 2300        | 2630        | 2970        | 3320        | 3670        | 4020        | 4370        | 4710        | 5030         | 5340         |
| M7PH-0042-IAA | ARE54C5E-IAA |             | 2300        | 2630        | 2970        | 3320        | 3670        | 4020        | 4370        | 4710        | 5030         | 5340         |
| M7EH-H046-IAA | ARE54C5E-IAA |             | 2260        | 2590        | 2940        | 3300        | 3660        | 4030        | 4400        |             |              |              |
| M7EH-H046-IAV | ARE54C5E-IAV |             | 2260        | 2590        | 2940        | 3300        | 3660        | 4030        | 4400        |             |              |              |
| M7EH-H044-IAA | RRT62C1E-IAA | 2110        | 2360        | 2650        | 2960        | 3310        | 3670        | 4040        | 4420        |             |              |              |
| M7EH-H044-IAV | RRT62C1E-IAV | 2110        | 2360        | 2650        | 2960        | 3310        | 3670        | 4040        | 4420        |             |              |              |
| M7EH-H053-CAA | RRT64C1E-CAA |             | 2700        | 3030        | 3380        | 3760        | 4150        | 4560        | 4980        |             |              |              |
| M7EH-H053-CAV | RRT64C1E-CAV |             | 2700        | 3030        | 3380        | 3760        | 4150        | 4560        | 4980        |             |              |              |
| M7EH-H053-IAA | RRT64C1E-IAA |             | 2700        | 3030        | 3380        | 3760        | 4150        | 4560        | 4980        |             |              |              |
| M7EH-H053-IAV | RRT64C1E-IAV |             | 2700        | 3030        | 3380        | 3760        | 4150        | 4560        | 4980        |             |              |              |
| M7BH-0060-CAA | RRT64C1E-CAA | <b>2800</b> | <b>3160</b> | <b>3570</b> | <b>4020</b> | <b>4500</b> | <b>5010</b> | <b>5550</b> | <b>6120</b> | <b>6700</b> | <b>7300</b>  | <b>7910</b>  |
| M7BH-0060-CAV | RRT64C1E-CAV | <b>2800</b> | <b>3160</b> | <b>3570</b> | <b>4020</b> | <b>4500</b> | <b>5010</b> | <b>5550</b> | <b>6120</b> | <b>6700</b> | <b>7300</b>  | <b>7910</b>  |
| M7BH-0064-CAA | RRT73C1E-CAA | <b>3040</b> | <b>3510</b> | <b>3990</b> | <b>4500</b> | <b>5040</b> | <b>5590</b> | <b>6170</b> | <b>6780</b> | <b>7400</b> | <b>8050</b>  | <b>8710</b>  |
| M7BH-0064-CAV | RRT73C1E-CAV | <b>3040</b> | <b>3510</b> | <b>3990</b> | <b>4500</b> | <b>5040</b> | <b>5590</b> | <b>6170</b> | <b>6780</b> | <b>7400</b> | <b>8050</b>  | <b>8710</b>  |
| M7BH-0075-CFA | RRT81C1E-PFA | <b>3180</b> | <b>3550</b> | <b>4050</b> | <b>4660</b> | <b>5340</b> | <b>6080</b> | <b>6850</b> | <b>7650</b> | <b>8450</b> | <b>9240</b>  | <b>9990</b>  |
| M7BH-0075-CFV | RRT81C1E-PFV | <b>3180</b> | <b>3550</b> | <b>4050</b> | <b>4660</b> | <b>5340</b> | <b>6080</b> | <b>6850</b> | <b>7650</b> | <b>8450</b> | <b>9240</b>  | <b>9990</b>  |
| M7BH-0086-CFA | RRT10K1E-PFA | <b>3980</b> | <b>4520</b> | <b>5110</b> | <b>5730</b> | <b>6370</b> | <b>7050</b> | <b>7760</b> | <b>8490</b> | <b>9240</b> | <b>10000</b> | <b>10800</b> |
| M7BH-0086-CFV | RRT10K1E-PFV | <b>3980</b> | <b>4520</b> | <b>5110</b> | <b>5730</b> | <b>6370</b> | <b>7050</b> | <b>7760</b> | <b>8490</b> | <b>9240</b> | <b>10000</b> | <b>10800</b> |

Capacities rated at 65°F return gas (40° return gas for capacities in **bold**), 5°F subcooling

# R-513A Condensate Base HT

# Copevap welded air-cooled condensing units

| Model         | Compressor   | -5 | 0    | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   |
|---------------|--------------|----|------|------|------|------|------|------|------|------|------|------|
| 100° Ambient  |              |    |      |      |      |      |      |      |      |      |      |      |
| M7TH-0012-IAA | ARE13C4E-IAA |    | 639  | 728  | 824  | 928  | 1040 | 1160 | 1290 | 1430 | 1590 | 1750 |
| M7PH-0012-IAA | ARE13C4E-IAA |    | 646  | 736  | 834  | 940  | 1060 | 1180 | 1310 | 1460 | 1620 | 1790 |
| M7EH-H016-IAA | ARE17C4E-IAA |    | 773  | 877  | 989  | 1110 | 1240 | 1390 | 1540 |      |      |      |
| M7TH-0015-IAA | ARE17C4E-IAA |    | 797  | 901  | 1010 | 1130 | 1260 | 1400 | 1550 | 1710 | 1890 | 2070 |
| M7PH-0015-IAA | ARE17C4E-IAA |    | 806  | 912  | 1030 | 1150 | 1280 | 1430 | 1580 | 1750 | 1920 | 2110 |
| M7EH-H022-IAA | ARE25C4E-IAA |    | 1060 | 1190 | 1340 | 1500 | 1670 | 1850 | 2050 |      |      |      |
| M7TH-0020-IAA | ARE25C4E-IAA |    | 1090 | 1230 | 1370 | 1520 | 1690 | 1870 | 2070 | 2270 | 2490 | 2730 |
| M7EH-0020-IAA | ARE25C4E-IAA |    | 1110 | 1240 | 1390 | 1550 | 1730 | 1910 | 2110 | 2330 | 2560 | 2800 |
| M7PH-0020-IAA | ARE25C4E-IAA |    | 1110 | 1240 | 1390 | 1550 | 1730 | 1910 | 2110 | 2330 | 2560 | 2800 |
| M7TH-0023-IAA | ARE29C4E-IAA |    | 1320 | 1450 | 1600 | 1770 | 1950 | 2150 | 2360 | 2580 | 2810 | 3050 |
| M7TH-0025-IAA | ARE34C4E-IAA |    | 1320 | 1450 | 1600 | 1760 | 1950 | 2150 | 2370 | 2590 | 2830 | 3080 |
| M7TH-0025-IAV | ARE34C4E-IAV |    | 1320 | 1450 | 1600 | 1760 | 1950 | 2150 | 2370 | 2590 | 2830 | 3080 |
| M7EH-H026-IAA | ARE29C4E-IAA |    | 1300 | 1440 | 1590 | 1770 | 1960 | 2170 | 2390 |      |      |      |
| M7EH-0024-IAA | ARE29C4E-IAA |    | 1340 | 1480 | 1630 | 1810 | 2000 | 2200 | 2420 | 2650 | 2890 | 3140 |
| M7PH-0024-IAA | ARE29C4E-IAA |    | 1340 | 1480 | 1630 | 1810 | 2000 | 2200 | 2420 | 2650 | 2890 | 3140 |
| M7TH-0028-IAA | ARE35C5E-IAA |    | 1420 | 1620 | 1830 | 2050 | 2290 | 2540 | 2790 | 3050 | 3320 | 3580 |
| M7EH-H032-IAA | ARE35C5E-IAA |    | 1390 | 1590 | 1810 | 2040 | 2300 | 2560 | 2830 |      |      |      |
| M7EH-0029-IAA | ARE35C5E-IAA |    | 1440 | 1640 | 1860 | 2100 | 2340 | 2600 | 2870 | 3140 | 3420 | 3700 |
| M7PH-0029-IAA | ARE35C5E-IAA |    | 1440 | 1640 | 1860 | 2100 | 2340 | 2600 | 2870 | 3140 | 3420 | 3700 |
| M7TH-0036-IAA | ARE48C5E-IAA |    |      | 2220 | 2440 | 2680 | 2940 | 3210 | 3490 | 3770 |      |      |
| M7TH-0036-IAV | ARE48C5E-IAV |    |      | 2220 | 2440 | 2680 | 2940 | 3210 | 3490 | 3770 |      |      |
| M7EH-H041-IAA | ARE48C5E-IAA |    | 1870 | 2140 | 2420 | 2710 | 3010 | 3320 | 3620 |      |      |      |
| M7EH-H041-IAV | ARE48C5E-IAV |    | 1870 | 2140 | 2420 | 2710 | 3010 | 3320 | 3620 |      |      |      |
| M7EH-0037-IAA | ARE48C5E-IAA |    | 1950 | 2220 | 2490 | 2780 | 3060 | 3350 | 3640 | 3930 | 4210 |      |
| M7PH-0038-IAA | ARE48C5E-IAA |    | 1950 | 2220 | 2490 | 2780 | 3060 | 3350 | 3640 | 3930 | 4210 |      |
| M7EH-H044-IAA | RRT62C1E-IAA |    |      | 2420 | 2700 | 3010 | 3340 | 3670 | 4020 |      |      |      |
| M7EH-H044-IAV | RRT62C1E-IAV |    |      | 2420 | 2700 | 3010 | 3340 | 3670 | 4020 |      |      |      |
| M7EH-0041-IAA | ARE54C5E-IAA |    | 2140 | 2440 | 2750 | 3070 | 3380 | 3690 | 3990 | 4280 |      |      |
| M7PH-0042-IAA | ARE54C5E-IAA |    | 2140 | 2440 | 2750 | 3070 | 3380 | 3690 | 3990 | 4280 |      |      |
| M7EH-H046-IAA | ARE54C5E-IAA |    | 2080 | 2390 | 2710 | 3040 | 3370 | 3700 | 4020 |      |      |      |
| M7EH-H046-IAV | ARE54C5E-IAV |    | 2080 | 2390 | 2710 | 3040 | 3370 | 3700 | 4020 |      |      |      |
| M7EH-H053-CAA | RRT64C1E-CAA |    |      | 2750 | 3070 | 3420 | 3780 | 4150 | 4530 |      |      |      |
| M7EH-H053-CAV | RRT64C1E-CAV |    |      | 2750 | 3070 | 3420 | 3780 | 4150 | 4530 |      |      |      |
| M7EH-H053-IAA | RRT64C1E-IAA |    |      | 2750 | 3070 | 3420 | 3780 | 4150 | 4530 |      |      |      |
| M7EH-H053-IAV | RRT64C1E-IAV |    |      | 2750 | 3070 | 3420 | 3780 | 4150 | 4530 |      |      |      |
| M7BH-0060-CAA | RRT64C1E-CAA |    | 2910 | 3290 | 3700 | 4140 | 4620 | 5120 | 5640 | 6190 | 6740 | 7310 |
| M7BH-0060-CAV | RRT64C1E-CAV |    | 2910 | 3290 | 3700 | 4140 | 4620 | 5120 | 5640 | 6190 | 6740 | 7310 |
| M7BH-0064-CAA | RRT73C1E-CAA |    | 3230 | 3680 | 4150 | 4650 | 5160 | 5690 | 6240 | 6810 | 7390 | 7990 |
| M7BH-0064-CAV | RRT73C1E-CAV |    | 3230 | 3680 | 4150 | 4650 | 5160 | 5690 | 6240 | 6810 | 7390 | 7990 |
| M7BH-0075-CFA | RRT81C1E-PFA |    | 3140 | 3570 | 4130 | 4770 | 5480 | 6230 | 7020 | 7810 | 8600 | 9360 |
| M7BH-0075-CFV | RRT81C1E-PFV |    | 3140 | 3570 | 4130 | 4770 | 5480 | 6230 | 7020 | 7810 | 8600 | 9360 |
| M7BH-0086-CFA | RRT10K1E-PFA |    |      | 4680 | 5260 | 5870 | 6510 | 7160 | 7840 | 8540 | 9250 |      |
| M7BH-0086-CFV | RRT10K1E-PFV |    |      | 4680 | 5260 | 5870 | 6510 | 7160 | 7840 | 8540 | 9250 |      |

Capacities rated at 40°F return gas (65° return gas for capacities in **bold**), 5°F subcooling

# R-513A Condensate Base HT

# Copevap welded air-cooled condensing units

| Model         | Compressor   | -5   | 0    | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   |
|---------------|--------------|------|------|------|------|------|------|------|------|------|------|------|
| 110° Ambient  |              |      |      |      |      |      |      |      |      |      |      |      |
| M7TH-0012-IAA | ARE13C4E-IAA |      | 578  | 659  | 746  | 841  | 943  | 1050 | 1170 | 1300 | 1440 | 1590 |
| M7PH-0012-IAA | ARE13C4E-IAA |      | 584  | 666  | 756  | 852  | 957  | 1070 | 1190 | 1330 | 1470 | 1630 |
| M7EH-H016-IAA | ARE17C4E-IAA |      | 702  | 797  | 901  | 1010 | 1130 | 1260 | 1410 |      |      |      |
| M7TH-0015-IAA | ARE17C4E-IAA |      | 724  | 821  | 924  | 1040 | 1160 | 1290 | 1430 | 1570 | 1730 | 1910 |
| M7PH-0015-IAA | ARE17C4E-IAA |      | 733  | 831  | 937  | 1050 | 1180 | 1310 | 1450 | 1610 | 1770 | 1950 |
| M7EH-H022-IAA | ARE25C4E-IAA |      | 962  | 1080 | 1210 | 1360 | 1510 | 1680 | 1870 |      |      |      |
| M7TH-0020-IAA | ARE25C4E-IAA |      |      | 1110 | 1240 | 1380 | 1540 | 1700 | 1880 | 2070 | 2280 | 2500 |
| M7EH-0020-IAA | ARE25C4E-IAA |      |      | 1130 | 1270 | 1410 | 1570 | 1740 | 1930 | 2130 | 2340 | 2570 |
| M7PH-0020-IAA | ARE25C4E-IAA |      |      | 1130 | 1270 | 1410 | 1570 | 1740 | 1930 | 2130 | 2340 | 2570 |
| M7EH-H026-IAA | ARE29C4E-IAA | 1200 | 1320 | 1450 | 1610 | 1780 | 1960 | 2160 |      |      |      |      |
| M7TH-0023-IAA | ARE29C4E-IAA |      |      | 1470 | 1620 | 1780 | 1960 | 2150 | 2350 | 2560 | 2780 |      |
| M7TH-0025-IAA | ARE34C4E-IAA |      |      | 1460 | 1610 | 1780 | 1960 | 2160 | 2370 | 2590 | 2820 |      |
| M7TH-0025-IAV | ARE34C4E-IAV |      |      | 1460 | 1610 | 1780 | 1960 | 2160 | 2370 | 2590 | 2820 |      |
| M7EH-0024-IAA | ARE29C4E-IAA |      | 1360 | 1500 | 1650 | 1830 | 2010 | 2210 | 2420 | 2640 | 2870 |      |
| M7PH-0024-IAA | ARE29C4E-IAA |      | 1360 | 1500 | 1650 | 1830 | 2010 | 2210 | 2420 | 2640 | 2870 |      |
| M7TH-0028-IAA | ARE35C5E-IAA |      |      |      | 1880 | 2100 | 2320 | 2550 | 2780 |      |      |      |
| M7EH-H032-IAA | ARE35C5E-IAA |      | 1460 | 1660 | 1870 | 2100 | 2340 | 2580 |      |      |      |      |
| M7EH-0029-IAA | ARE35C5E-IAA |      |      | 1710 | 1930 | 2150 | 2390 | 2630 | 2870 | 3120 |      |      |
| M7PH-0029-IAA | ARE35C5E-IAA |      |      | 1710 | 1930 | 2150 | 2390 | 2630 | 2870 | 3120 |      |      |
| M7EH-H041-IAA | ARE48C5E-IAA |      |      | 2230 | 2480 | 2740 | 3000 | 3270 |      |      |      |      |
| M7EH-H041-IAV | ARE48C5E-IAV |      |      | 2230 | 2480 | 2740 | 3000 | 3270 |      |      |      |      |
| M7EH-0037-IAA | ARE48C5E-IAA |      |      |      |      | 2790 | 3040 |      |      |      |      |      |
| M7PH-0038-IAA | ARE48C5E-IAA |      |      |      |      | 2790 | 3040 |      |      |      |      |      |
| M7EH-H044-IAA | RRT62C1E-IAA |      |      | 2450 | 2730 | 3020 | 3320 | 3640 |      |      |      |      |
| M7EH-H044-IAV | RRT62C1E-IAV |      |      | 2450 | 2730 | 3020 | 3320 | 3640 |      |      |      |      |
| M7EH-H046-IAA | ARE54C5E-IAA |      |      |      | 2770 | 3060 | 3340 | 3620 |      |      |      |      |
| M7EH-H046-IAV | ARE54C5E-IAV |      |      |      | 2770 | 3060 | 3340 | 3620 |      |      |      |      |
| M7EH-H053-CAA | RRT64C1E-CAA |      |      |      | 3080 | 3410 |      |      |      |      |      |      |
| M7EH-H053-CAV | RRT64C1E-CAV |      |      |      | 3080 | 3410 |      |      |      |      |      |      |
| M7EH-H053-IAA | RRT64C1E-IAA |      |      |      | 3080 | 3410 |      |      |      |      |      |      |
| M7EH-H053-IAV | RRT64C1E-IAV |      |      |      | 3080 | 3410 |      |      |      |      |      |      |
| M7BH-0060-CAA | RRT64C1E-CAA |      | 3000 | 3380 | 3790 | 4220 | 4680 | 5170 | 5670 | 6180 | 6710 |      |
| M7BH-0060-CAV | RRT64C1E-CAV |      | 3000 | 3380 | 3790 | 4220 | 4680 | 5170 | 5670 | 6180 | 6710 |      |
| M7BH-0064-CAA | RRT73C1E-CAA |      |      | 3790 | 4230 | 4690 | 5160 | 5650 | 6160 | 6670 |      |      |
| M7BH-0064-CAV | RRT73C1E-CAV |      |      | 3790 | 4230 | 4690 | 5160 | 5650 | 6160 | 6670 |      |      |
| M7BH-0075-CFA | RRT81C1E-PFA |      | 3160 | 3640 | 4230 | 4900 | 5630 | 6390 | 7180 |      |      |      |
| M7BH-0075-CFV | RRT81C1E-PFV |      | 3160 | 3640 | 4230 | 4900 | 5630 | 6390 | 7180 |      |      |      |
| M7BH-0086-CFA | RRT10K1E-PFA |      |      | 4820 | 5380 | 5970 | 6570 |      |      |      |      |      |
| M7BH-0086-CFV | RRT10K1E-PFV |      |      | 4820 | 5380 | 5970 | 6570 |      |      |      |      |      |

Capacities rated at 40°F return gas (65° return gas for capacities in bold), 5°F subcooling



## Physical and Electrical Data

## Copeland welded water-cooled condensing units

| Model         | Compressor Electrical | Length | Width | Height | Refrigerant Connections |         | Receiver Capacity (Lbs @ 90% Volume) |      |      |      |      |      | MCA  | Max Fuse | Ship Weight |
|---------------|-----------------------|--------|-------|--------|-------------------------|---------|--------------------------------------|------|------|------|------|------|------|----------|-------------|
|               |                       |        |       |        | Liquid                  | Suction | 134a                                 | 404A | 448A | 449A | 450A | 513A |      |          |             |
| M6WF-0056-IAA | RST45C1E-IAA          | 18.3   | 12.87 | 9.99   | 3/8                     | 1/2     | 1.5                                  | 1.3  | 1.4  | 1.4  | 1.5  | 1.5  | 13.1 | 20       | 0           |
| M6WF-0056-IAV | RST45C1E-IAV          | 18.3   | 12.87 | 9.99   | 3/8                     | 1/2     | 1.5                                  | 1.3  | 1.4  | 1.4  | 1.5  | 1.5  | 6.6  | 15       | 0           |
| M6WF-0075-CAA | RST55C1E-CAA          | 24.23  | 16.1  | 11.85  | 3/8                     | 1/2     | 1.5                                  | 1.3  | 1.4  | 1.4  | 1.5  | 1.5  | 18.8 | 30       | 0           |
| M6WF-0075-CAV | RST55C1E-CAV          | 24.23  | 16.1  | 11.85  | 3/8                     | 1/2     | 1.5                                  | 1.3  | 1.4  | 1.4  | 1.5  | 1.5  | 8.5  | 15       | 0           |
| M6WF-0106-CAV | RST64C1E-CAV          | 24.23  | 16.1  | 11.85  | 3/8                     | 1/2     |                                      | 4.9  | 5.1  | 5.1  |      |      | 11.3 | 20       | 0           |
| M6WF-0125-CFV | RST70C1E-PFV          | 24.24  | 16.1  | 13.2   | 3/8                     | 5/8     |                                      | 4.9  | 5.1  | 5.1  |      |      | 9.6  | 15       | 0           |
| M6WF-0125-TAC | RST70C1E-TA5          | 24.24  | 16.1  | 13.2   | 3/8                     | 5/8     |                                      | 4.9  | 5.1  | 5.1  |      |      | 6.9  | 15       | 0           |
| M6WF-0126-CFV | RST80C1E-PFV          | 24.24  | 16.1  | 13.2   | 3/8                     | 5/8     |                                      | 4.9  | 5.1  | 5.1  |      |      | 11.6 | 20       | 0           |
| M6WF-0126-TAC | RST80C1E-TA5          | 24.24  | 16.1  | 13.2   | 3/8                     | 5/8     |                                      | 4.9  | 5.1  | 5.1  |      |      | 7.1  | 15       | 0           |
| M6WH-0025-IAA | ASE20C4E-IAA          | 18.18  | 13.2  | 9.42   | 1/4                     | 3/8     | 1.5                                  | 1.3  | 1.4  | 1.4  | 1.5  | 1.5  | 7.5  | 15       | 0           |
| M6WH-0036-IAA | ASE24C5E-IAA          | 18.18  | 13.21 | 9.92   | 1/4                     | 3/8     | 1.5                                  | 1.3  | 1.4  | 1.4  | 1.5  | 1.5  | 7.8  | 15       | 0           |
| M6WH-0050-CAA | ASE32C5E-CAA          | 18.18  | 12.97 | 9.92   | 1/4                     | 3/8     | 1.5                                  | 1.3  | 1.4  | 1.4  | 1.5  | 1.5  | 9.4  | 15       | 0           |
| M6WL-0025-IAA | AFE08C4E-IAA          | 24     | 16.41 | 9.73   | 1/4                     | 3/8     | 1.5                                  | 1.3  | 1.4  | 1.4  | 1.5  | 1.5  | 5.5  | 15       | 0           |
| M6WL-0033-IAA | AFE11C4E-IAA          | 24     | 16.41 | 9.73   | 1/4                     | 3/8     | 1.5                                  | 1.3  | 1.4  | 1.4  | 1.5  | 1.5  | 5.9  | 15       | 0           |
| M6WL-0040-IAA | AFE14C5E-IAA          | 24     | 16.41 | 10.23  | 1/4                     | 3/8     | 1.5                                  | 1.3  | 1.4  | 1.4  | 1.5  | 1.5  | 8.2  | 15       | 0           |
| M6WL-0051-IAA | AFE17C4E-IAA          | 24     | 16.41 | 10.18  | 1/4                     | 3/8     | 1.5                                  | 1.3  | 1.4  | 1.4  | 1.5  | 1.5  | 10.4 | 15       | 0           |
| M6WL-0067-CAA | RFT26C1E-CAA          | 24     | 16.41 | 11.87  | 3/8                     | 1/2     | 1.5                                  | 1.3  | 1.4  | 1.4  | 1.5  | 1.5  | 14   | 20       | 0           |
| M6WL-0075-CFA | RST64C1E-CFA          | 24     | 16.41 | 11.87  | 3/8                     | 1/2     | 1.5                                  | 1.3  | 1.4  | 1.4  | 1.5  | 1.5  | 18.9 | 30       | 0           |
| M6WL-0075-IAV | RST64C1E-IAV          | 24     | 16.41 | 10.46  | 3/8                     | 1/2     | 1.5                                  | 1.3  | 1.4  | 1.4  | 1.5  | 1.5  | 11.8 | 20       | 0           |
| M6WL-0105-CFV | RST80C1E-PFV          | 24     | 16.43 | 12.47  | 3/8                     | 5/8     |                                      | 4.9  | 5.1  | 5.1  |      |      | 12.2 | 20       | 0           |
| M6WL-0105-TAC | RST80C1E-TA5          | 24     | 16.43 | 12.47  | 3/8                     | 5/8     |                                      | 4.9  | 5.1  | 5.1  |      |      | 7.7  | 15       | 0           |
| M7WH-0026-IAA | ARE29C4E-IAA          | 18.18  | 13.2  | 9.42   | 1/4                     | 3/8     | 1.5                                  | 1.3  | 1.4  | 1.4  | 1.5  | 1.5  | 4.9  | 15       | 0           |
| M7WH-0033-IAA | ARE35C5E-IAA          | 18.18  | 13.21 | 9.92   | 1/4                     | 3/8     | 1.5                                  | 1.3  | 1.4  | 1.4  | 1.5  | 1.5  | 8.6  | 15       | 0           |
| M7WH-0040-IAA | ARE40C4E-IAA          | 18.18  | 13.21 | 9.92   | 1/4                     | 3/8     | 1.5                                  | 1.3  | 1.4  | 1.4  | 1.5  | 1.5  | 8.8  | 15       | 0           |
| M7WH-0049-IAV | ARE51C4E-IAV          | 18.18  | 13.21 | 9.92   | 1/4                     | 3/8     | 1.5                                  | 1.3  | 1.4  | 1.4  | 1.5  | 1.5  | 6.1  | 15       | 0           |
| M7WH-0050-IAA | RRT62C1E-IAA          | 18.55  | 13.44 | 9.68   | 3/8                     | 1/2     | 1.5                                  | 1.3  | 1.4  | 1.4  | 1.5  | 1.5  | 11.9 | 20       | 0           |
| M7WH-0050-IAV | RRT62C1E-IAV          | 18.55  | 13.44 | 9.68   | 3/8                     | 1/2     | 1.5                                  | 1.3  | 1.4  | 1.4  | 1.5  | 1.5  | 5.4  | 15       | 0           |
| M7WH-0056-IAA | RRT64C1E-IAA          | 18.3   | 12.87 | 9.99   | 3/8                     | 1/2     | 1.5                                  | 1.3  | 1.4  | 1.4  | 1.5  | 1.5  | 13.8 | 20       | 0           |
| M7WH-0056-IAV | RRT64C1E-IAV          | 18.3   | 12.87 | 9.99   | 3/8                     | 1/2     | 1.5                                  | 1.3  | 1.4  | 1.4  | 1.5  | 1.5  | 8    | 15       | 0           |
| M7WM-0075-CFA | RRT10K1E-PFA          | 24.24  | 16.1  | 13.2   | 3/8                     | 5/8     | 1.5                                  | 1.3  | 1.4  | 1.4  | 1.5  | 1.5  | 17   | 30       | 0           |
| M7WM-0075-CFV | RRT10K1E-PFV          | 24.24  | 16.1  | 13.2   | 3/8                     | 5/8     | 1.5                                  | 1.3  | 1.4  | 1.4  | 1.5  | 1.5  | 10   | 15       | 0           |

## R-134a

## Copeland™ water-cooled condensing units

| Model  | Compressor   | -5   | 0    | 5    | 10   | 15   | 20   | 25   | 30   | 35    | 40    | 45    | 0                                   | 25  | 45  |
|--|--------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------------------------------------|-----|-----|
| BTU/H at 105° condensing, 75° water inlet - evaporator temp (°F) |              |      |      |      |      |      |      |      |      |       |       |       | Water flow (GPM)<br>@evap temp (°F) |     |     |
| M7WH-0026-IAA  | ARE29C4E-IAA | 1270 | 1430 | 1620 | 1840 | 2090 | 2360 | 2660 | 2990 | 3340  | 3710  |       | 0.2                                 | 0.3 | 0.5 |
| M7WH-0033-IAA  | ARE35C5E-IAA | 1430 | 1640 | 1880 | 2150 | 2440 | 2760 | 3110 | 3490 | 3900  | 4340  |       | 0.2                                 | 0.4 | 0.6 |
| M7WH-0040-IAA  | ARE40C4E-IAA | 1700 | 1950 | 2240 | 2550 | 2890 | 3270 | 3670 | 4100 | 4560  | 5040  |       | 0.2                                 | 0.5 | 0.7 |
| M7WH-0049-IAV  | ARE51C4E-IAV | 2030 | 2330 | 2670 | 3040 | 3460 | 3920 | 4410 | 4940 | 5510  | 6120  |       | 0.3                                 | 0.6 | 0.9 |
| M7WH-0050-IAV  | RRT62C1E-IAV | 2060 | 2350 | 2700 | 3100 | 3540 | 4030 | 4560 | 5140 | 5760  | 6420  | 7120  | 0.3                                 | 0.6 | 0.9 |
| M7WH-0050-IAA  | RRT62C1E-IAA | 1990 | 2350 | 2730 | 3150 | 3590 | 4080 | 4610 | 5180 | 5800  | 6480  | 7210  | 0.3                                 | 0.6 | 1.0 |
| M7WH-0056-IAV  | RRT64C1E-IAV | 2410 | 2780 | 3190 | 3660 | 4170 | 4740 | 5360 | 6020 | 6740  | 7510  | 8340  | 0.4                                 | 0.7 | 1.1 |
| M7WH-0056-IAA  | RRT64C1E-IAA | 2500 | 2870 | 3300 | 3770 | 4300 | 4880 | 5510 | 6190 | 6930  | 7730  | 8580  | 0.4                                 | 0.8 | 1.1 |
| M7WM-0075-CFA  | RRT10K1E-PFA | 3770 | 4410 | 5110 | 5870 | 6700 | 7580 | 8530 | 9520 | 10600 | 11700 | 12800 | 0.6                                 | 1.1 | 1.6 |
| M7WM-0075-CFV  | RRT10K1E-PFV | 3860 | 4550 | 5270 | 6030 | 6830 | 7700 | 8630 | 9640 | 10700 | 11900 | 13300 | 0.6                                 | 1.1 | 1.7 |

Capacities rated at 40°F return gas, 5°F subcooling

## R-404A

## Copeland™ water-cooled condensing units

| Model  | Compressor   | -30  | -25  | -20  | -15  | -10  | -5   | 0    | 5    | 10   | 15    | 20    | 25    | 30 | -25                                 | 0   | 25  |
|--|--------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|----|-------------------------------------|-----|-----|
| BTU/H at 105° condensing, 75° water inlet - evaporator temp (°F) |              |      |      |      |      |      |      |      |      |      |       |       |       |    | Water flow (GPM)<br>@evap temp (°F) |     |     |
| M6WL-0025-IAA  | AFE08C4E-IAA | 613  | 700  | 797  | 902  | 1020 | 1140 | 1270 | 1410 | 1560 |       |       |       |    | 0.1                                 | 0.2 |     |
| M6WH-0025-IAA  | ASE20C4E-IAA |      |      |      | 1180 | 1420 | 1650 | 1870 | 2110 | 2350 | 2620  | 2910  | 3230  |    |                                     | 0.3 | 0.4 |
| M6WL-0033-IAA  | AFE11C4E-IAA | 801  | 924  | 1060 | 1210 | 1380 | 1560 | 1750 | 1960 | 2180 |       |       |       |    | 0.1                                 | 0.2 |     |
| M6WH-0036-IAA  | ASE24C5E-IAA |      |      |      | 1270 | 1560 | 1820 | 2050 | 2290 | 2550 | 2850  | 3220  | 3680  |    |                                     | 0.3 | 0.5 |
| M6WL-0040-IAA  | AFE14C5E-IAA | 1150 | 1330 | 1530 | 1750 | 1980 | 2240 | 2520 | 2820 | 3150 |       |       |       |    | 0.2                                 | 0.3 |     |
| M6WL-0051-IAA  | AFE17C4E-IAA | 1420 | 1630 | 1870 | 2130 | 2420 | 2730 | 3070 | 3430 | 3810 |       |       |       |    | 0.2                                 | 0.4 |     |
| M6WH-0050-CAA  | ASE32C5E-CAA |      |      |      | 2210 | 2390 | 2610 | 2900 | 3250 | 3650 | 4110  | 4620  | 5200  |    |                                     | 0.4 | 0.6 |
| M6WF-0056-IAA  | RST45C1E-IAA | 1490 | 1770 | 2080 | 2430 | 2820 | 3230 | 3690 | 4180 | 4710 | 5270  | 5860  | 6500  |    | 0.3                                 | 0.5 | 0.8 |
| M6WF-0056-IAV  | RST45C1E-IAV | 1310 | 1710 | 2110 | 2520 | 2940 | 3380 | 3840 | 4330 | 4850 | 5410  | 6010  | 6660  |    | 0.2                                 | 0.5 | 0.8 |
| M6WF-0075-CAA  | RST55C1E-CAA | 1690 | 2100 | 2530 | 3000 | 3500 | 4040 | 4620 | 5230 | 5890 | 6580  | 7320  | 8110  |    | 0.3                                 | 0.6 | 1.0 |
| M6WL-0067-CAA  | RFT26C1E-CAA | 1750 | 2040 | 2360 | 2710 | 3100 | 3520 | 3980 | 4500 | 5060 |       |       |       |    | 0.3                                 | 0.6 |     |
| M6WF-0075-CAV  | RST55C1E-CAV | 2150 | 2450 | 2800 | 3210 | 3680 | 4190 | 4760 | 5380 | 6040 | 6760  | 7520  | 8330  |    | 0.3                                 | 0.6 | 1.0 |
| M6WL-0075-IAV  | RST64C1E-IAV | 2590 | 3040 | 3530 | 4080 | 4670 | 5310 | 5990 | 6730 | 7510 | 8340  | 9220  | 10100 |    | 0.4                                 | 0.8 | 1.3 |
| M6WF-0106-CAV  | RST64C1E-CAV | 2470 | 2970 | 3510 | 4090 | 4720 | 5390 | 6110 | 6870 | 7680 | 8530  | 9420  | 10400 |    | 0.4                                 | 0.8 | 1.3 |
| M6WL-0075-CFA  | RST64C1E-CFA | 2550 | 3050 | 3570 | 4120 | 4700 | 5330 | 5990 | 6710 | 7480 | 8310  | 9210  | 10200 |    | 0.4                                 | 0.8 | 1.3 |
| M6WF-0125-CFV  | RST70C1E-PFV | 2490 | 2990 | 3550 | 4160 | 4830 | 5540 | 6300 | 7120 | 7990 | 8900  | 9870  | 10900 |    | 0.4                                 | 0.8 | 1.3 |
| M6WF-0125-TAC  | RST70C1E-TA5 | 2560 | 3080 | 3640 | 4230 | 4860 | 5530 | 6250 | 7020 | 7850 | 8740  | 9690  | 10700 |    | 0.4                                 | 0.8 | 1.3 |
| M6WF-0126-TAC  | RST80C1E-TA5 | 3050 | 3610 | 4240 | 4920 | 5650 | 6450 | 7310 | 8220 | 9190 | 10200 | 11300 | 12500 |    | 0.5                                 | 0.9 | 1.5 |
| M6WL-0105-TAC  | RST80C1E-TA5 | 3050 | 3610 | 4240 | 4920 | 5650 | 6450 | 7310 | 8220 | 9190 | 10200 | 11300 | 12500 |    | 0.5                                 | 0.9 | 1.5 |
| M6WF-0126-CFV  | RST80C1E-PFV | 3080 | 3650 | 4280 | 4960 | 5710 | 6520 | 7380 | 8300 | 9280 | 10300 | 11400 | 12600 |    | 0.5                                 | 0.9 | 1.5 |
| M6WL-0105-CFV  | RST80C1E-PFV | 3080 | 3650 | 4280 | 4960 | 5710 | 6520 | 7380 | 8300 | 9280 | 10300 | 11400 | 12600 |    | 0.5                                 | 0.9 | 1.5 |

Capacities rated at 40°F return gas, 5°F subcooling

# R-448A

# Copeland™ water-cooled condensing units

| Model  | Compressor   | -30  | -25  | -20  | -15  | -10  | -5   | 0    | 5    | 10   | 15   | 20    | 25    | 30 | -25                                      | 0   | 25 |
|--|--------------|------|------|------|------|------|------|------|------|------|------|-------|-------|----|--|-----|----|
| BTU/H at 105° condensing, 75° water inlet - evaporator temp (°F) |              |      |      |      |      |      |      |      |      |      |      |       |       |    | Water flow (GPM) at evaporator temp (°F) |     |    |
| M6WL-0025-IAA  | AFE08C4E-IAA | 588  | 679  | 789  | 917  | 1060 | 1220 | 1400 | 1600 | 1810 |      |       |       |    | 0.1                                      | 0.2 |    |
| M6WL-0033-IAA  | AFE11C4E-IAA | 691  | 797  | 926  | 1080 | 1250 | 1440 | 1650 | 1880 | 2120 |      |       |       |    | 0.1                                      | 0.2 |    |
| M6WH-0025-IAA  | ASE20C4E-IAA |      |      |      | 983  | 1240 | 1480 | 1730 | 1980 | 2240 | 2520 | 2830  | 3180  |    | 0.2                                      | 0.4 |    |
| M6WH-0036-IAA  | ASE24C5E-IAA |      |      |      | 1280 | 1480 | 1710 | 1960 | 2240 | 2550 | 2880 | 3250  | 3650  |    | 0.2                                      | 0.4 |    |
| M6WL-0040-IAA  | AFE14C5E-IAA | 1020 | 1180 | 1350 | 1550 | 1770 | 2010 | 2280 | 2570 | 2900 |      |       |       |    | 0.2                                      | 0.3 |    |
| M6WH-0050-CAA  | ASE32C5E-CAA |      |      |      | 2270 | 2280 | 2460 | 2760 | 3170 | 3640 | 4160 | 4690  | 5200  |    | 0.3                                      | 0.6 |    |
| M6WL-0051-IAA  | AFE17C4E-IAA | 1260 | 1460 | 1700 | 1980 | 2290 | 2630 | 2980 | 3360 | 3750 |      |       |       |    | 0.2                                      | 0.4 |    |
| M6WF-0056-IAV  | RST45C1E-IAV |      |      |      | 2050 | 2420 | 2820 | 3250 | 3740 | 4270 | 4880 | 5550  | 6310  |    | 0.4                                      | 0.8 |    |
| M6WF-0056-IAA  | RST45C1E-IAA |      |      |      | 2150 | 2500 | 2890 | 3330 | 3830 | 4390 | 5030 | 5740  | 6540  |    | 0.4                                      | 0.8 |    |
| M6WF-0075-CAA  | RST55C1E-CAA |      |      |      | 2640 | 3070 | 3560 | 4100 | 4710 | 5410 | 6190 | 7060  | 8050  |    | 0.5                                      | 0.9 |    |
| M6WF-0075-CAV  | RST55C1E-CAV |      |      |      | 2760 | 3170 | 3670 | 4260 | 4930 | 5700 | 6560 | 7500  | 8530  |    | 0.5                                      | 1.0 |    |
| M6WL-0067-CAA  | RFT26C1E-CAA | 1470 | 1720 | 2040 | 2410 | 2840 | 3330 | 3870 | 4470 | 5130 |      |       |       |    | 0.3                                      | 0.6 |    |
| M6WL-0075-IAV  | RST64C1E-IAV |      |      |      | 3370 | 3890 | 4470 | 5100 | 5810 | 6610 | 7500 | 8510  | 9630  |    | 0.7                                      | 1.2 |    |
| M6WF-0125-CFV  | RST70C1E-PFV |      |      |      | 3630 | 4270 | 4960 | 5690 | 6480 | 7320 | 8220 | 9170  | 10200 |    | 0.7                                      | 1.2 |    |
| M6WL-0075-CFA  | RST64C1E-CFA |      |      |      | 3720 | 4300 | 4930 | 5630 | 6420 | 7300 | 8280 | 9390  | 10600 |    | 0.7                                      | 1.3 |    |
| M6WF-0106-CAV  | RST64C1E-CAV |      |      |      | 3520 | 4070 | 4720 | 5470 | 6310 | 7250 | 8270 | 9400  | 10600 |    | 0.7                                      | 1.3 |    |
| M6WF-0125-TAC  | RST70C1E-TA5 |      |      |      | 3800 | 4450 | 5150 | 5900 | 6720 | 7600 | 8540 | 9550  | 10600 |    | 0.7                                      | 1.2 |    |
| M6WF-0126-CFV  | RST80C1E-PFV |      |      |      | 4330 | 5060 | 5830 | 6660 | 7560 | 8510 | 9540 | 10600 | 11800 |    | 0.8                                      | 1.4 |    |
| M6WL-0105-CFV  | RST80C1E-PFV |      |      |      | 4330 | 5060 | 5830 | 6660 | 7560 | 8510 | 9540 | 10600 | 11800 |    | 0.8                                      | 1.4 |    |
| M6WF-0126-TAC  | RST80C1E-TA5 |      |      |      | 4420 | 5180 | 6000 | 6900 | 7860 | 8890 | 9990 | 11100 | 12400 |    | 0.8                                      | 1.4 |    |
| M6WL-0105-TAC  | RST80C1E-TA5 |      |      |      | 4420 | 5180 | 6000 | 6900 | 7860 | 8890 | 9990 | 11100 | 12400 |    | 0.8                                      | 1.4 |    |

Capacities rated at 40°F return gas, 5°F subcooling

# R-449A

# Copeland™ water-cooled condensing units

| Model  | Compressor   | -30  | -25  | -20  | -15  | -10  | -5   | 0    | 5    | 10   | 15   | 20    | 25    | 30 | -25                                      | 0   | 25 |
|--|--------------|------|------|------|------|------|------|------|------|------|------|-------|-------|----|--|-----|----|
| BTU/H at 105° condensing, 75° water inlet - evaporator temp (°F) |              |      |      |      |      |      |      |      |      |      |      |       |       |    | Water flow (GPM) at evaporator temp (°F) |     |    |
| M6WL-0025-IAA  | AFE08C4E-IAA | 588  | 679  | 789  | 917  | 1060 | 1230 | 1400 | 1600 | 1810 |      |       |       |    | 0.1                                      | 0.2 |    |
| M6WL-0033-IAA  | AFE11C4E-IAA | 691  | 798  | 927  | 1080 | 1250 | 1440 | 1650 | 1880 | 2120 |      |       |       |    | 0.1                                      | 0.2 |    |
| M6WH-0025-IAA  | ASE20C4E-IAA |      |      |      | 984  | 1240 | 1480 | 1730 | 1980 | 2240 | 2520 | 2840  | 3180  |    | 0.2                                      | 0.4 |    |
| M6WH-0036-IAA  | ASE24C5E-IAA |      |      |      | 1280 | 1480 | 1710 | 1960 | 2240 | 2550 | 2880 | 3250  | 3660  |    | 0.2                                      | 0.4 |    |
| M6WL-0040-IAA  | AFE14C5E-IAA | 1030 | 1180 | 1350 | 1550 | 1770 | 2010 | 2280 | 2580 | 2900 |      |       |       |    | 0.2                                      | 0.3 |    |
| M6WH-0050-CAA  | ASE32C5E-CAA |      |      |      | 2270 | 2290 | 2460 | 2760 | 3170 | 3650 | 4160 | 4690  | 5200  |    | 0.3                                      | 0.6 |    |
| M6WL-0051-IAA  | AFE17C4E-IAA | 1260 | 1460 | 1700 | 1980 | 2290 | 2630 | 2990 | 3360 | 3750 |      |       |       |    | 0.2                                      | 0.4 |    |
| M6WF-0056-IAV  | RST45C1E-IAV |      |      |      | 2050 | 2420 | 2820 | 3250 | 3740 | 4280 | 4880 | 5560  | 6310  |    | 0.4                                      | 0.8 |    |
| M6WF-0056-IAA  | RST45C1E-IAA |      |      |      | 2150 | 2500 | 2890 | 3330 | 3830 | 4390 | 5030 | 5740  | 6540  |    | 0.4                                      | 0.8 |    |
| M6WF-0075-CAA  | RST55C1E-CAA |      |      |      | 2640 | 3070 | 3560 | 4100 | 4720 | 5410 | 6190 | 7070  | 8050  |    | 0.5                                      | 0.9 |    |
| M6WF-0075-CAV  | RST55C1E-CAV |      |      |      | 2760 | 3170 | 3670 | 4260 | 4940 | 5710 | 6560 | 7510  | 8530  |    | 0.5                                      | 1.0 |    |
| M6WL-0067-CAA  | RFT26C1E-CAA | 1470 | 1720 | 2040 | 2410 | 2840 | 3330 | 3870 | 4470 | 5130 |      |       |       |    | 0.3                                      | 0.6 |    |
| M6WL-0075-IAV  | RST64C1E-IAV |      |      |      | 3370 | 3890 | 4470 | 5110 | 5820 | 6610 | 7510 | 8510  | 9630  |    | 0.7                                      | 1.2 |    |
| M6WF-0106-CAV  | RST64C1E-CAV |      |      |      | 3520 | 4070 | 4720 | 5470 | 6310 | 7250 | 8280 | 9400  | 10600 |    | 0.7                                      | 1.3 |    |
| M6WF-0125-CFV  | RST70C1E-PFV |      |      |      | 3630 | 4270 | 4960 | 5700 | 6480 | 7320 | 8220 | 9180  | 10200 |    | 0.7                                      | 1.2 |    |
| M6WL-0075-CFA  | RST64C1E-CFA |      |      |      | 3720 | 4300 | 4930 | 5640 | 6420 | 7300 | 8290 | 9390  | 10600 |    | 0.7                                      | 1.3 |    |
| M6WF-0125-TAC  | RST70C1E-TA5 |      |      |      | 3800 | 4450 | 5150 | 5910 | 6720 | 7600 | 8540 | 9560  | 10600 |    | 0.7                                      | 1.2 |    |
| M6WF-0126-CFV  | RST80C1E-PFV |      |      |      | 4330 | 5060 | 5830 | 6670 | 7560 | 8510 | 9540 | 10600 | 11800 |    | 0.8                                      | 1.4 |    |
| M6WL-0105-CFV  | RST80C1E-PFV |      |      |      | 4330 | 5060 | 5830 | 6670 | 7560 | 8510 | 9540 | 10600 | 11800 |    | 0.8                                      | 1.4 |    |
| M6WF-0126-TAC  | RST80C1E-TA5 |      |      |      | 4420 | 5180 | 6010 | 6900 | 7870 | 8900 | 9990 | 11200 | 12400 |    | 0.8                                      | 1.5 |    |
| M6WL-0105-TAC  | RST80C1E-TA5 |      |      |      | 4420 | 5180 | 6010 | 6900 | 7870 | 8900 | 9990 | 11200 | 12400 |    | 0.8                                      | 1.5 |    |

Capacities rated at 40°F return gas, 5°F subcooling

## R-450A

## Copeland™ water-cooled condensing units

| Model  | Compressor   | -5   | 0    | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40    | 45    | 0  | 25  | 45  |
|--|--------------|------|------|------|------|------|------|------|------|------|-------|-------|--|-----|-----|
| BTU/H at 105° condensing, 75° water inlet - evaporator temp (°F) |              |      |      |      |      |      |      |      |      |      |       |       | Water flow (GPM) at evaporator temp (°F) |     |     |
| M7WH-0026-IAA  | ARE29C4E-IAA |      | 1100 | 1250 | 1410 | 1600 | 1820 | 2060 | 2320 | 2600 | 2900  | 3230  | 0.2                                      | 0.3 | 0.4 |
| M7WH-0033-IAA  | ARE35C5E-IAA |      | 1240 | 1430 | 1640 | 1870 | 2130 | 2400 | 2710 | 3040 | 3400  | 3780  | 0.2                                      | 0.3 | 0.5 |
| M7WH-0040-IAA  | ARE40C4E-IAA |      | 1480 | 1700 | 1950 | 2220 | 2520 | 2850 | 3200 | 3570 | 3970  | 4390  | 0.2                                      | 0.4 | 0.6 |
| M7WH-0049-IAV  | ARE51C4E-IAV |      | 1760 | 2030 | 2320 | 2650 | 3010 | 3410 | 3840 | 4300 | 4800  | 5330  | 0.3                                      | 0.5 | 0.8 |
| M7WH-0050-IAV  | RRT62C1E-IAV | 1830 | 2100 | 2410 | 2760 | 3150 | 3590 | 4060 | 4580 | 5130 | 5720  | 6340  | 0.3                                      | 0.6 | 0.8 |
| M7WH-0050-IAA  | RRT62C1E-IAA | 1780 | 2090 | 2430 | 2800 | 3200 | 3630 | 4100 | 4610 | 5170 | 5770  | 6430  | 0.3                                      | 0.6 | 0.9 |
| M7WH-0056-IAV  | RRT64C1E-IAV | 2150 | 2470 | 2840 | 3260 | 3720 | 4220 | 4770 | 5370 | 6010 | 6690  | 7430  | 0.4                                      | 0.7 | 1.0 |
| M7WH-0056-IAA  | RRT64C1E-IAA | 2230 | 2560 | 2940 | 3360 | 3830 | 4340 | 4910 | 5520 | 6180 | 6880  | 7640  | 0.4                                      | 0.7 | 1.0 |
| M7WM-0075-CFA  | RRT10K1E-PFA | 3350 | 3920 | 4550 | 5230 | 5970 | 6760 | 7590 | 8480 | 9420 | 10400 | 11400 | 0.5                                      | 1.0 | 1.4 |
| M7WM-0075-CFV  | RRT10K1E-PFV | 3440 | 4060 | 4700 | 5370 | 6090 | 6860 | 7690 | 8580 | 9570 | 10600 | 11800 | 0.6                                      | 1.0 | 1.5 |

Capacities rated at 40°F return gas, 5°F subcooling

## R-513A

## Copeland™ water-cooled condensing units

| Model  | Compressor   | -5   | 0    | 5    | 10   | 15   | 20   | 25   | 30    | 35    | 40    | 45    | 0  | 25  | 45  |
|--|--------------|------|------|------|------|------|------|------|-------|-------|-------|-------|--|-----|-----|
| BTU/H at 105° condensing, 75° water inlet - evaporator temp (°F) |              |      |      |      |      |      |      |      |       |       |       |       | Water flow (GPM) at evaporator temp (°F) |     |     |
| M7WH-0026-IAA  | ARE29C4E-IAA |      | 1420 | 1590 | 1780 | 2000 | 2240 | 2510 | 2810  | 3140  | 3480  | 3860  | 0.2                                      | 0.3 | 0.5 |
| M7WH-0033-IAA  | ARE35C5E-IAA |      | 1550 | 1780 | 2040 | 2330 | 2650 | 2990 | 3350  | 3740  | 4160  | 4600  | 0.2                                      | 0.4 | 0.6 |
| M7WH-0040-IAA  | ARE40C4E-IAA |      | 1910 | 2170 | 2450 | 2760 | 3110 | 3480 | 3880  | 4300  | 4760  | 5240  | 0.3                                      | 0.5 | 0.7 |
| M7WH-0049-IAV  | ARE51C4E-IAV |      | 2390 | 2710 | 3070 | 3460 | 3900 | 4370 | 4890  | 5450  | 6040  | 6680  | 0.4                                      | 0.6 | 0.9 |
| M7WH-0050-IAV  | RRT62C1E-IAV | 2260 | 2570 | 2930 | 3350 | 3820 | 4330 | 4890 | 5500  | 6150  | 6840  | 7570  | 0.4                                      | 0.7 | 1.0 |
| M7WH-0050-IAA  | RRT62C1E-IAA | 2100 | 2510 | 2940 | 3390 | 3870 | 4380 | 4930 | 5530  | 6180  | 6880  | 7640  | 0.4                                      | 0.7 | 1.0 |
| M7WH-0056-IAV  | RRT64C1E-IAV | 2650 | 3030 | 3470 | 3960 | 4500 | 5100 | 5740 | 6450  | 7200  | 8000  | 8860  | 0.5                                      | 0.8 | 1.2 |
| M7WH-0056-IAA  | RRT64C1E-IAA | 2630 | 3070 | 3540 | 4060 | 4620 | 5230 | 5890 | 6610  | 7380  | 8200  | 9090  | 0.4                                      | 0.8 | 1.2 |
| M7WM-0075-CFA  | RRT10K1E-PFA | 3920 | 4540 | 5230 | 5980 | 6800 | 7690 | 8660 | 9710  | 10800 | 12100 | 13400 | 0.7                                      | 1.2 | 1.7 |
| M7WM-0075-CFV  | RRT10K1E-PFV | 4030 | 4680 | 5390 | 6160 | 7010 | 7920 | 8920 | 10000 | 11200 | 12400 | 13800 | 0.7                                      | 1.2 | 1.7 |

Capacities rated at 40°F return gas, 5°F subcooling

## Copeland to Copeland Cross Reference

| Old Model         | Compressor Model | Length | Width | Height | Liquid Conn. | Suction Conn. | MCA  | Old Rated Capacities |         |         |         |
|-------------------|------------------|--------|-------|--------|--------------|---------------|------|----------------------|---------|---------|---------|
|                   |                  |        |       |        |              |               |      | LT_134A              | LT_404A | MT_134A | MT_404A |
| F3AH-B100-CAV-072 | RST64C1-CAV-198  | 24.30  | 17.20 | 13.10  | 3/8          | 5/8           | 12.4 |                      |         |         |         |
| F3AH-B100-CFA-020 | RST64C1-CFA-198  | 24.30  | 17.10 | 13.10  | 3/8          | 5/8           | 20.3 |                      |         |         |         |
| F3AH-B105-CFV-020 | RST70C1-PFV-199  | 24.00  | 18.30 | 16.20  | 3/8          | 5/8           | 11   |                      |         |         |         |
| F3AH-B105-TAC-020 | RST70C1-TA5-199  | 24.00  | 18.30 | 16.20  | 3/8          | 5/8           | 7.5  |                      |         |         |         |
| F3AH-N100-CAV-199 | RST64C1-CAV-198  |        |       |        |              |               | 9.1  |                      |         |         |         |
| F3AH-N100-CFA-199 | RST64C1-CFA-198  |        |       |        |              |               | 18.3 |                      |         |         |         |
| F3AH-N110-CFV-199 | RST80C1-PFV-199  |        |       |        |              |               | 11.6 |                      |         |         |         |
| F3AH-N120-CFV-199 | RST97C1-PFV-199  |        |       |        |              |               | 12.5 |                      |         |         |         |
| F3AH-N125-CFV-199 | RST10K1-PFV-199  |        |       |        |              |               | 13.1 |                      |         |         |         |
| F3AH-N125-TAC-199 | RST10K1-TA5-199  |        |       |        |              |               | 8.3  |                      |         |         |         |
| F3WH-B105-CFV-020 | RST70C1-PFV-199  | 19.10  | 24.20 | 12.80  | 3/8          | 5/8           | 9.6  |                      |         |         |         |
| F3WH-B105-TAC-020 | RST70C1-TA5-199  | 24.23  | 19.07 | 12.76  | 3/8          | 5/8           | 6.1  |                      |         |         |         |
| FBAH-C100-CFV-020 | RRT10K1-PFV-199  | 24.00  | 17.47 | 13.06  | 3/8          | 5/8           | 11.2 |                      |         |         |         |
| FEAF-0103-CAV-060 | RST64C1E-CAV-108 |        |       |        |              |               | 13.3 |                      | 3850    |         | 7700    |
| FEAF-0103-CAV-140 | RST64C1E-CAV-108 | 17.40  | 26.60 | 11.80  | 1/4          | 1/2           | 13.3 |                      | 3850    |         | 7700    |
| FEAF-A100-CFV-140 | RST97C1E-PFV-150 | 24.00  | 27.00 | 15.98  | 1/2          | 1/2           | 13.7 |                      | 5120    |         | 9780    |
| FEAM-0108-CFA-160 | RST80C1E-PFA-150 | 19.50  | 27.92 | 13.13  | 3/8          | 5/8           | 24.5 |                      | 5020    |         | 9930    |
| FEAM-0108-CFV-160 | RST80C1E-PFV-150 | 19.97  | 27.73 | 12.04  | 3/8          | 5/8           | 12.8 |                      | 5020    |         | 9930    |
| FEAM-0108-CFV-161 | RST80C1E-PFV-150 |        |       |        |              |               | 12.8 |                      | 5020    |         | 9930    |
| FEAM-A100-IAV-160 | RST64C1E-IAV-108 | 19.50  | 27.70 | 11.90  | 3/8          | 5/8           | 12.5 |                      |         |         |         |
| FEAM-A130-CFV-160 | RST97C1E-PFV-150 | 19.50  | 27.70 | 12.00  | 3/8          | 5/8           | 13.7 |                      |         |         | 10700   |
| FJAF-0100-CAV-020 | RST64C1E-CAV-108 | 24.00  | 17.04 | 13.38  | 3/8          | 5/8           | 12.4 |                      | 4010    |         | 8080    |
| FJAF-0100-CAV-040 | RST64C1E-CAV-108 | 24.00  | 17.06 | 13.38  | 3/8          | 5/8           | 12.4 |                      | 4010    |         | 8080    |
| FJAF-0100-CAV-060 | RST64C1E-CAV-108 | 24.00  | 16.90 | 13.10  | 3/8          | 1/2           | 12.4 |                      | 4010    |         | 8080    |
| FJAF-0100-CAV-061 | RST64C1E-CAV-102 | 24.00  | 17.10 | 18.00  | 3/8          | 1/2           | 12.4 |                      | 4010    |         | 8080    |
| FJAF-0100-CAV-272 | RST64C1E-CAV-108 | 24.00  | 17.06 | 13.02  | 3/8          | 5/8           | 12.4 |                      | 4010    |         | 8080    |
| FJAF-0100-IAV-140 | RST64C1E-IAV-108 | 24.00  | 16.80 | 13.10  | 3/8          | 5/8           | 12.4 |                      | 4010    |         | 8080    |
| FJAF-0100-IAV-212 | RST64C1E-IAV-108 | 24.00  | 16.90 | 13.10  | 3/8          | 5/8           | 12.4 |                      | 4010    |         | 8080    |
| FJAF-0106-CAV-017 | RST64C1E-CAV-108 | 24.00  | 18.30 | 16.10  | 3/8          | 7/8           | 12.7 |                      | 4090    |         | 8500    |
| FJAF-0106-CAV-020 | RST64C1E-CAV-108 | 24.00  | 18.30 | 16.10  | 3/8          | 7/8           | 12.7 |                      | 4090    |         | 8500    |
| FJAF-0106-CAV-022 | RST64C1E-CAV-108 |        |       |        |              |               | 12.7 |                      | 4090    |         | 8500    |
| FJAF-0106-CAV-0H2 | RST64C1E-CAV-108 | 30.50  | 25.60 | 22.60  | 3/8          | 7/8           | 12.7 |                      | 4090    |         | 8500    |
| FJAF-0106-CAV-0H3 | RST64C1E-CAV-108 | 30.50  | 25.30 | 22.60  | 3/8          | 5/8           | 12.7 |                      | 4090    |         | 8500    |
| FJAF-0106-CAV-160 | RST64C1E-CAV-108 | 24.00  | 18.33 | 16.10  | 3/8          | 1/2           | 12.7 |                      | 4090    |         | 8500    |
| FJAF-0106-CAV-208 | RST64C1E-CAV-108 |        |       |        |              |               | 12.7 |                      | 4090    |         | 8500    |
| FJAF-0108-CFV-020 | RST80C1E-PFV-150 | 24.00  | 17.30 | 13.00  | 3/8          | 5/8           | 12.8 |                      | 4690    |         | 9230    |
| FJAF-0108-CFV-021 | RST80C1E-PFV-150 | 24.00  | 17.46 | 13.01  | 3/8          | 5/8           | 12.8 |                      | 4690    |         | 9230    |
| FJAF-0108-CFV-040 | RST80C1E-PFV-150 | 24.00  | 16.01 | 13.01  | 3/8          | 5/8           | 12.8 |                      | 4690    |         | 9230    |
| FJAF-0108-CFV-052 | RST80C1E-PFV-150 | 24.00  | 17.29 | 13.01  | 3/8          | 5/8           | 12.8 |                      | 4690    |         | 9230    |
| FJAF-0108-CFV-072 | RST80C1E-PFV-150 | 24.00  | 17.50 | 13.01  | 3/8          | 5/8           | 12.8 |                      | 4690    |         | 9230    |
| FJAF-0108-CFV-075 | RST80C1E-PFV-150 | 17.50  | 24.00 | 13.01  | 3/8          | 5/8           | 12.8 |                      | 4690    |         | 9230    |
| FJAF-0108-CFV-076 | RST80C1E-PFV-150 |        |       |        |              |               | 12.8 |                      | 4690    |         | 9230    |
| FJAF-0108-CFV-121 | RST80C1E-PFV-150 | 24.00  | 17.44 | 13.01  | 3/8          | 5/8           | 12.8 |                      | 4690    |         | 9230    |
| FJAF-0108-CFV-160 | RST80C1E-PFV-150 | 24.00  | 17.60 | 13.00  | 3/8          | 1/2           | 12.8 |                      | 4690    |         | 9230    |
| FJAF-0108-CFV-212 | RST80C1E-PFV-150 | 24.00  | 17.50 | 13.00  | 3/8          | 5/8           | 12.8 |                      | 4690    |         | 9230    |
| FJAF-0108-TAC-020 | RST80C1E-TA5-150 | 24.00  | 17.28 | 13.01  | 3/8          | 5/8           | 8.3  |                      | 4690    |         | 9230    |
| FJAF-0108-TAC-052 | RST80C1E-TA5-150 | 24.00  | 17.28 | 13.01  | 3/8          | 5/8           | 8.3  |                      | 4690    |         | 9230    |
| FJAF-0110-CFV-021 | RST97C1E-PFV-150 | 24.00  | 17.27 | 13.06  | 3/8          | 5/8           | 13.7 |                      |         |         |         |
| FJAF-0125-CFV-020 | RST70C1E-PFV-150 | 24.00  | 18.33 | 16.08  | 3/8          | 5/8           | 11   |                      | 4310    |         | 9330    |
| FJAF-0125-CFV-072 | RST70C1E-PFV-150 | 24.00  | 18.31 | 16.08  | 3/8          | 5/8           | 11   |                      | 4310    |         | 9330    |
| FJAF-0125-CFV-075 | RST70C1E-PFV-150 | 24.00  | 18.97 | 16.08  | 3/8          | 5/8           | 11   |                      | 4310    |         | 9330    |
| FJAF-0125-CFV-077 | RST70C1E-PFV-150 | 24.00  | 18.97 | 16.08  | 3/8          | 1/2           | 11   |                      | 4310    |         | 9330    |
| FJAF-0125-TAC-020 | RST70C1E-TA5-150 | 24.00  | 18.33 | 16.08  | 3/8          | 5/8           | 8.3  |                      | 4310    |         | 9330    |
| FJAF-0125-TAC-060 | RST70C1E-TA5-150 | 24.00  | 18.33 | 16.08  | 3/8          | 1/2           | 8.3  |                      | 4310    |         | 9330    |
| FJAF-0125-TAC-061 | RST70C1E-TA5-150 | 24.00  | 18.30 | 16.10  | 3/8          | 1/2           | 8.3  |                      | 4310    |         | 9330    |
| FJAF-0125-TAC-072 | RST70C1E-TA5-150 | 24.00  | 18.29 | 16.08  | 3/8          | 5/8           | 8.3  |                      | 4310    |         | 9330    |
| FJAF-0125-TAC-075 | RST70C1E-TA5-150 | 24.00  | 18.89 | 16.08  | 3/8          | 5/8           | 8.3  |                      | 4310    |         | 9330    |
| FJAF-0125-TAC-076 | RST70C1E-TA5-150 | 24.00  | 18.44 | 16.15  | 3/8          | 5/8           | 8.3  |                      | 4310    |         | 9330    |
| FJAF-0125-TAC-077 | RST70C1E-TA5-150 | 24.00  | 18.89 | 16.08  | 3/8          | 1/2           | 8.3  |                      | 4310    |         | 9330    |
| FJAF-0126-CFV-020 | RST80C1E-PFV-150 | 24.00  | 18.33 | 16.50  | 3/8          | 5/8           | 13   |                      | 5030    |         | 10500   |
| FJAF-0126-TAC-020 | RST80C1E-TA5-150 | 24.00  | 18.33 | 16.15  | 3/8          | 5/8           | 8.5  |                      | 5030    |         | 10500   |
| FJAF-0126-TAC-060 | RST80C1E-TA5-150 | 24.00  | 18.33 | 16.15  | 3/8          | 1/2           | 8.5  |                      | 5030    |         | 10500   |

| New Model         | New Compressor Model | New Length | New Width | New Height | New Liquid | New Suction | New MCA | New Rated Capacities |         |         |         |
|-------------------|----------------------|------------|-----------|------------|------------|-------------|---------|----------------------|---------|---------|---------|
|                   |                      |            |           |            |            |             |         | LT_134a              | LT_404A | MT_134a | MT_404A |
| Obsolete R22 Unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R22 Unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R22 Unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R22 Unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R22 Unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R22 Unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R22 Unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R22 Unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R22 Unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R22 Unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R22 Unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R22 Unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R22 Unit |                      |            |           |            |            |             |         |                      |         |         |         |
| M6RP-H098-CAV-072 | RST64C1E-CAV-102     | 19.50      | 28.08     | 12.23      | 3/8        | 1/2         | 12.5    |                      | 4240    |         | 8350    |
| M6RP-H098-CAV-072 | RST64C1E-CAV-102     | 19.50      | 28.08     | 12.23      | 3/8        | 1/2         | 12.5    |                      | 4240    |         | 8350    |
| M6RP-H114-CFV-072 | RST80C1E-PFV-150     | 28.00      | 19.50     | 11.89      | 3/8        | 5/8         | 12.8    |                      | 4980    |         | 9890    |
| Obsolete          |                      |            |           |            |            |             |         |                      |         |         |         |
| M6RP-H114-CFV-072 | RST80C1E-PFV-150     | 19.50      | 28.00     | 11.89      | 3/8        | 5/8         | 12.8    |                      | 4980    |         | 9890    |
| M6RP-H114-CFV-072 | RST80C1E-PFV-150     | 19.50      | 28.00     | 11.89      | 3/8        | 5/8         | 12.8    |                      | 4980    |         | 9890    |
| M6RP-H098-CAV-072 | RST64C1E-CAV-102     | 19.50      | 28.08     | 12.23      | 3/8        | 1/2         | 12.5    |                      | 4240    |         | 8350    |
| M6RP-H126-CFV-072 | RST97C1E-PFV-150     | 28.00      | 19.50     | 11.89      | 3/8        | 5/8         | 13.7    |                      | 5570    |         | 10500   |
| M6KP-0095-CFV-072 | RST70C1E-PFV-150     | 24.00      | 16.39     | 13.08      | 3/8        | 5/8         | 10.8    |                      | 4100    |         | 8310    |
| M6KP-0095-CFV-072 | RST70C1E-PFV-150     | 24.00      | 16.39     | 13.08      | 3/8        | 5/8         | 10.8    |                      | 4100    |         | 8310    |
| M6KP-0095-CFV-072 | RST70C1E-PFV-150     | 24.00      | 16.39     | 13.08      | 3/8        | 5/8         | 10.8    |                      | 4100    |         | 8310    |
| M6KP-0095-CFV-072 | RST70C1E-PFV-150     | 24.00      | 16.39     | 13.08      | 3/8        | 5/8         | 10.8    |                      | 4100    |         | 8310    |
| M6KP-0095-CFV-072 | RST70C1E-PFV-150     | 24.00      | 16.39     | 13.08      | 3/8        | 5/8         | 10.8    |                      | 4100    |         | 8310    |
| M6KP-0095-CFV-272 | RST70C1E-PFV-150     | 16.39      | 24.00     | 13.08      | 3/8        | 5/8         | 10.8    |                      | 4100    |         | 8310    |
| M6KP-0092-CAV-272 | RST64C1E-CAV-102     | 24.00      | 16.39     | 13.08      | 3/8        | 3/8         | 12.4    |                      | 4050    |         | 7750    |
| M6KP-0092-CAV-177 | RST64C1E-CAV-102     | 24.00      | 16.39     | 13.08      | 1/4        | 3/8         | 12.4    |                      | 4050    |         | 7750    |
| M6KP-0102-CAV-072 | RST64C1E-CAV-102     | 24.00      | 18.30     | 16.16      | 3/8        | 3/8         | 12.7    |                      | 4420    |         | 9150    |
| M6KP-0102-CAV-072 | RST64C1E-CAV-102     | 24.00      | 18.30     | 16.16      | 3/8        | 3/8         | 12.7    |                      | 4420    |         | 9150    |
| M6KP-0102-CAV-072 | RST64C1E-CAV-102     | 24.00      | 18.30     | 16.16      | 3/8        | 3/8         | 12.7    |                      | 4420    |         | 9150    |
| M6KP-0102-CAV-072 | RST64C1E-CAV-102     | 24.00      | 18.42     | 16.16      | 3/8        | 1/2         | 12.7    |                      | 4420    |         | 9150    |
| M6KP-0102-CAV-177 | RST64C1E-CAV-102     | 24.00      | 18.42     | 16.16      | 3/8        | 1/2         | 12.7    |                      | 4420    |         | 9150    |
| M6KP-0102-CAV-179 | RST64C1E-CAV-102     | 24.00      | 18.30     | 16.16      | 1/4        |             | 12.7    |                      | 4420    |         | 9150    |
| M6KP-0106-CFV-072 | RST80C1E-PFV-150     | 24.00      | 16.39     | 13.08      | 3/8        | 5/8         | 12.8    |                      | 4690    |         | 9100    |
| M6KP-0106-CFV-072 | RST80C1E-PFV-150     | 24.00      | 16.39     | 13.08      | 3/8        | 5/8         | 12.8    |                      | 4690    |         | 9100    |
| M6KP-0106-CFV-072 | RST80C1E-PFV-150     | 24.00      | 16.39     | 13.08      | 3/8        | 5/8         | 12.8    |                      | 4690    |         | 9100    |
| M6KP-0106-CFV-072 | RST80C1E-PFV-150     | 24.00      | 16.39     | 13.08      | 3/8        | 5/8         | 12.8    |                      | 4690    |         | 9100    |
| M6KP-0106-CFV-072 | RST80C1E-PFV-150     | 24.00      | 16.39     | 13.08      | 3/8        | 5/8         | 12.8    |                      | 4690    |         | 9100    |
| M6KP-0106-CFV-072 | RST80C1E-PFV-150     | 24.00      | 16.39     | 13.08      | 3/8        | 5/8         | 12.8    |                      | 4690    |         | 9100    |
| M6KP-0106-CFV-072 | RST80C1E-PFV-150     | 24.00      | 16.39     | 13.08      | 3/8        | 5/8         | 12.8    |                      | 4690    |         | 9100    |
| M6KP-0106-CFV-177 | RST80C1E-PFV-150     | 24.00      | 16.39     | 13.08      | 3/8        | 1/2         | 12.8    |                      | 4690    |         | 9100    |
| M6KP-0106-CFV-177 | RST80C1E-PFV-150     | 24.00      | 16.39     | 13.08      | 3/8        | 1/2         | 12.8    |                      | 4690    |         | 9100    |
| M6KP-0106-CFV-177 | RST80C1E-PFV-150     | 24.00      | 16.39     | 13.08      | 3/8        | 1/2         | 12.8    |                      | 4690    |         | 9100    |
| M6KP-0106-CFV-177 | RST80C1E-PFV-150     | 24.00      | 16.39     | 13.08      | 3/8        | 1/2         | 12.8    |                      | 4690    |         | 9100    |
| M6KP-0106-TAC-072 | RST80C1E-TA5-150     | 24.00      | 16.41     | 13.08      | 3/8        | 1/2         | 8.3     |                      | 4690    |         | 9100    |
| M6KP-0106-TAC-072 | RST80C1E-TA5-150     | 24.00      | 16.41     | 13.08      | 3/8        | 1/2         | 8.3     |                      | 4690    |         | 9100    |
| M6KP-0116-CFV-072 | RST97C1E-PFV-150     | 24.00      | 16.39     | 13.08      | 3/8        | 5/8         | 13.7    |                      | 5240    |         | 9620    |
| M6KP-0112-CFV-072 | RST70C1E-PFV-150     | 24.00      | 18.30     | 16.16      | 3/8        | 1/2         | 11      |                      | 4580    |         | 9650    |
| M6KP-0112-CFV-072 | RST70C1E-PFV-150     | 24.00      | 18.30     | 16.16      | 3/8        | 1/2         | 11      |                      | 4580    |         | 9650    |
| M6KP-0112-CFV-072 | RST70C1E-PFV-150     | 24.00      | 18.30     | 16.16      | 3/8        | 1/2         | 11      |                      | 4580    |         | 9650    |
| M6KP-0112-CFV-072 | RST70C1E-PFV-150     | 24.00      | 18.30     | 16.16      | 3/8        | 1/2         | 11      |                      | 4580    |         | 9650    |
| M6KP-0112-TAC-072 | RST70C1E-TA5-150     | 24.00      | 18.33     | 16.16      | 3/8        | 1/2         | 8.3     |                      | 4580    |         | 9650    |
| M6KP-0112-TAC-072 | RST70C1E-TA5-150     | 24.00      | 18.33     | 16.16      | 3/8        | 1/2         | 8.3     |                      | 4580    |         | 9650    |
| M6KP-0112-TAC-072 | RST70C1E-TA5-150     | 24.00      | 18.33     | 16.16      | 3/8        | 1/2         | 8.3     |                      | 4580    |         | 9650    |
| M6KP-0112-TAC-072 | RST70C1E-TA5-150     | 24.00      | 18.33     | 16.16      | 3/8        | 1/2         | 8.3     |                      | 4580    |         | 9650    |
| M6KP-0112-TAC-072 | RST70C1E-TA5-150     | 24.00      | 18.33     | 16.16      | 3/8        | 1/2         | 8.3     |                      | 4580    |         | 9650    |
| M6KP-0112-TAC-072 | RST70C1E-TA5-150     | 24.00      | 18.33     | 16.16      | 3/8        | 1/2         | 8.3     |                      | 4580    |         | 9650    |
| M6KP-0112-TAC-072 | RST70C1E-TA5-150     | 24.00      | 18.33     | 16.16      | 3/8        | 1/2         | 8.3     |                      | 4580    |         | 9650    |
| M6KP-0112-TAC-072 | RST70C1E-TA5-150     | 24.00      | 18.33     | 16.16      | 3/8        | 1/2         | 8.3     |                      | 4580    |         | 9650    |
| M6KP-0112-TAC-072 | RST70C1E-TA5-150     | 24.00      | 18.33     | 16.16      | 3/8        | 1/2         | 8.3     |                      | 4580    |         | 9650    |
| M6KP-0127-CFV-072 | RST80C1E-PFV-150     | 24.00      | 18.30     | 16.16      | 3/8        | 1/2         | 13      |                      | 5270    |         | 11000   |
| M6KP-0127-TAC-072 | RST80C1E-TA5-150     | 24.00      | 18.33     | 16.16      | 3/8        | 1/2         | 8.5     |                      | 5270    |         | 11000   |
| M6KP-0127-TAC-072 | RST80C1E-TA5-150     | 24.00      | 18.33     | 16.16      | 3/8        | 1/2         | 8.5     |                      | 5270    |         | 11000   |

## Copeland to Copeland Cross Reference

| Old Model         | Compressor Model | Length | Width | Height | Liquid Conn. | Suction Conn. | MCA  | Old Rated Capacities |         |         |         |
|-------------------|------------------|--------|-------|--------|--------------|---------------|------|----------------------|---------|---------|---------|
|                   |                  |        |       |        |              |               |      | LT_134A              | LT_404A | MT_134A | MT_404A |
| FJAF-0126-TAC-061 | RST80C1E-TA5-150 | 24.00  | 18.33 | 16.15  | 3/8          | 1/2           | 8.5  |                      | 5030    |         | 10500   |
| FJAF-0130-CFV-072 | RST97C1E-PFV-150 | 24.00  | 18.33 | 16.15  | 3/8          | 5/8           | 13.9 |                      | 5720    |         | 11800   |
| FJAF-0130-CFV-075 | RST97C1E-PFV-150 | 24.00  | 18.91 | 16.15  | 3/8          | 5/8           | 13.9 |                      | 5720    |         | 11800   |
| FJAF-0130-CFV-076 | RST97C1E-PFV-150 | 24.00  | 18.30 | 16.10  | 1/4          | 1/2           | 13.9 |                      | 5720    |         | 11800   |
| FJAF-0130-CFV-077 | RST97C1E-PFV-150 | 24.00  | 18.90 | 16.10  | 3/8          | 1/2           | 13.9 |                      | 5720    |         | 11800   |
| FJAF-0130-CFV-0H2 | RST97C1E-PFV-150 | 30.50  | 25.20 | 22.60  | 3/8          | 5/8           | 13.9 |                      | 5720    |         | 11800   |
| FJAF-0130-CFV-212 | RST97C1E-PFV-150 | 24.00  | 18.30 | 16.10  | 3/8          | 5/8           | 13.9 |                      | 5720    |         | 11800   |
| FJAF-0130-CFV-272 | RST97C1E-PFV-150 | 24.00  | 18.33 | 16.15  | 3/8          | 5/8           | 20   |                      | 5720    |         | 11800   |
| FJAF-0130-TAC-076 | RST97C1E-TA5-150 | 24.00  | 24.00 | 16.20  | 3/8          | 1/2           | 8.9  |                      | 5720    |         | 11800   |
| FJAF-0130-TAC-077 | RST97C1E-TA5-150 | 24.00  | 18.90 | 16.10  | 3/8          | 1/2           | 8.9  |                      | 5720    |         | 11800   |
| FJAF-0130-TAC-0H2 | RST97C1E-TA5-150 | 30.50  | 25.20 | 22.60  | 3/8          | 5/8           | 8.9  |                      | 5720    |         | 11800   |
| FJAF-B100-CFV-021 | RST97C1E-PFV-150 | 24.00  | 17.27 | 13.01  | 3/8          | 5/8           | 13.7 |                      | 5230    |         | 10100   |
| FJAF-B100-CFV-115 | RST97C1E-PFV-150 | 24.00  | 17.18 | 13.06  | 3/8          | 5/8           | 13.7 |                      | 5230    |         | 10100   |
| FJAF-B100-CFV-121 | RST97C1E-PFV-150 | 24.00  | 17.40 | 13.10  | 3/8          | 5/8           | 13.7 |                      | 5230    |         | 10100   |
| FJAF-B100-CFV-210 | RST97C1E-PFV-150 | 24.00  | 16.71 | 13.01  | 3/8          | 5/8           | 13.7 |                      | 5230    |         | 10100   |
| FJAF-B100-CFV-212 | RST97C1E-PFV-150 | 24.00  | 17.47 | 13.05  | 3/8          | 5/8           | 13.7 |                      | 5230    |         | 10100   |
| FJAF-B100-CFV-221 | RST97C1E-PFV-150 |        |       |        |              |               | 13.7 |                      | 5230    |         | 10100   |
| FJAF-B100-CFV-240 | RST97C1E-PFV-150 | 24.00  | 22.99 | 13.01  | 3/8          | 5/8           | 13.7 |                      | 5230    |         | 10100   |
| FJAF-B100-CFV-245 | RST97C1E-PFV-150 | 24.00  | 17.41 | 13.01  | 3/8          | 5/8           | 13.7 |                      | 5230    |         | 10100   |
| FJAF-E100-CAV-020 | RST64C1E-CAV-108 | 24.00  | 17.04 | 13.38  | 3/8          | 5/8           | 12.3 |                      |         |         |         |
| FJAF-E100-CAV-040 | RST64C1E-CAV-108 | 24.00  | 17.06 | 13.38  | 3/8          | 5/8           | 12.3 |                      |         |         |         |
| FJAF-E100-CAV-041 | RST64C1E-CAV-108 |        |       |        |              |               | 12.3 |                      |         |         |         |
| FJAF-E108-CFV-020 | RST80C1E-PFV-150 | 24.00  | 17.30 | 13.00  | 3/8          | 5/8           | 12.7 |                      | 4690    |         | 9230    |
| FJAF-E108-CFV-160 | RST80C1E-PFV-150 | 24.00  | 17.60 | 13.00  | 3/8          | 1/2           | 12.7 |                      | 4690    |         | 9230    |
| FJAF-E110-CFV-021 | RST97C1E-PFV-150 | 24.00  | 17.27 | 13.01  | 3/8          | 5/8           | 13.6 |                      | 5230    |         | 10100   |
| FJAF-E110-CFV-022 | RST97C1E-PFV-150 |        |       |        |              |               | 13.6 |                      | 5230    |         | 10100   |
| FJAF-E110-CFV-040 | RST97C1E-PFV-150 | 24.00  | 17.45 | 13.06  | 3/8          | 5/8           | 13.6 |                      | 5230    |         | 10100   |
| FJAF-E110-CFV-121 | RST97C1E-PFV-150 | 24.00  | 17.40 | 13.10  | 3/8          | 5/8           | 13.6 |                      | 5230    |         | 10100   |
| FJAF-E110-CFV-212 | RST97C1E-PFV-150 | 24.00  | 17.47 | 13.05  | 3/8          | 5/8           | 13.6 |                      | 5230    |         | 10100   |
| FJAL-0105-CFV-020 | RFT42C1E-PFV-102 | 24.00  | 17.32 | 13.01  | 3/8          | 5/8           | 11.2 |                      | 4960    |         |         |
| FJAL-0105-CFV-040 | RFT42C1E-PFV-102 | 28.37  | 18.08 | 14.51  | 5/8          | 1 1/8         | 11.2 |                      | 4960    |         |         |
| FJAL-0105-CFV-044 | RFT42C1E-PFV-102 | 28.40  | 19.00 | 14.50  | 5/8          | 1 1/8         | 11.2 |                      | 4960    |         |         |
| FJAL-0105-CFV-072 | RFT42C1E-PFV-102 | 24.00  | 17.46 | 13.01  | 3/8          | 5/8           | 11.2 |                      | 4960    |         |         |
| FJAL-0105-CFV-075 | RFT42C1E-PFV-102 | 24.00  | 17.50 | 13.01  | 3/8          | 5/8           | 11.2 |                      | 4960    |         |         |
| FJAL-0105-CFV-077 | RFT42C1E-PFV-102 | 24.00  | 17.50 | 13.01  | 3/8          | 3/8           | 11.2 |                      | 4960    |         |         |
| FJCL-B100-CFV-212 | RST97C1E-PFV-150 | 23.56  | 13.33 | 11.86  | 1/4          | 5/8           | 13.5 |                      | 4760    |         |         |
| FJCL-B100-CFV-215 | RST97C1E-PFV-150 | 22.28  | 13.03 | 11.73  | 1/4          | 1/2           | 13.5 |                      | 4760    |         |         |
| FJEF-0100-CAV-160 | RST64C1E-CAV-102 | 24.00  | 16.30 | 13.58  | 3/8          | 1/2           | 12.4 |                      | 3940    |         | 7900    |
| FJEF-0100-CAV-260 | RST64C1E-CAV-108 | 24.00  | 17.10 | 14.00  | 3/8          | 1/2           | 12.4 |                      | 3940    |         | 7900    |
| FJEF-0100-CFA-121 | RST64C1E-CFA-102 | 24.00  | 16.30 | 13.70  | 1/2          | 3/8           | 20.3 |                      | 3940    |         | 7900    |
| FJEF-0108-CFV-060 | RST80C1E-PFV-150 | 24.00  | 17.11 | 13.63  | 3/8          | 1/2           | 12.8 |                      | 4650    |         | 9060    |
| FJEF-0108-CFV-121 | RST80C1E-PFV-150 | 24.00  | 17.11 | 13.63  | 3/8          | 1/2           | 12.8 |                      | 4650    |         | 9060    |
| FJEF-0108-CFV-212 | RST80C1E-PFV-150 | 24.00  | 17.11 | 13.59  | 3/8          | 5/8           | 12.8 |                      | 4650    |         | 9060    |
| FJEL-0105-CFV-060 | RFT42C1E-PFV-102 | 25.01  | 17.11 | 13.58  | 3/8          | 5/8           | 11.2 |                      | 4920    |         |         |
| FJEL-0105-CFV-160 | RFT42C1E-PFV-102 | 24.00  | 16.30 | 13.58  | 3/8          | 5/8           | 11.2 |                      | 4920    |         |         |
| FJWF-C106-CAV-020 | RST64C1E-CAV-108 | 24.20  | 17.20 | 10.70  | 3/8          | 7/8           | 11.3 |                      | 4120    |         | 9470    |
| FJWF-C125-CFV-020 | RST70C1E-PFV-150 | 24.23  | 19.06 | 12.75  | 3/8          | 5/8           | 9.6  |                      | 4160    |         | 9870    |
| FJWF-C125-TAC-020 | RST70C1E-TA5-150 | 24.23  | 19.06 | 12.75  | 3/8          | 5/8           | 6.9  |                      | 4160    |         | 9870    |
| FJWF-C125-TAC-060 |                  |        |       |        |              |               |      |                      |         |         |         |
| FJWF-C126-CFV-020 | RST80C1E-PFV-150 | 24.23  | 17.79 | 12.75  | 3/8          | 5/8           | 11.6 |                      | 4960    |         | 11400   |
| FJWF-C126-CFV-276 | RST80C1E-PFV-150 | 24.23  | 17.69 | 14.31  | 3/8          | 1/2           | 11.6 |                      |         |         |         |
| FJWF-C126-TAC-020 | RST80C1E-TA5-150 | 24.23  | 18.03 | 12.75  | 3/8          | 5/8           | 7.1  |                      | 4960    |         | 11400   |
| FJWF-C126-TAC-060 |                  |        |       |        |              |               |      |                      |         |         |         |
| FJWL-C105-CFV-020 | RST80C1E-PFV-150 | 24.00  | 16.43 | 12.05  | 3/8          | 5/8           | 12.2 |                      | 4960    |         |         |
| FJWL-C105-TAC-020 | RST80C1E-TA5-150 | 24.00  | 16.55 | 12.00  | 3/8          | 5/8           | 7.7  |                      | 4960    |         |         |
| FTAH-C100-CFA-121 | RRT10K1E-PFA-150 | 24.00  | 17.28 | 13.01  | 3/8          | 5/8           | 19   |                      |         | 7620    |         |
| FTAH-C100-CFV-020 | RRT10K1E-PFV-150 | 24.00  | 17.29 | 13.01  | 3/8          | 5/8           | 11.2 |                      |         | 7620    |         |
| FTAH-C100-CFV-117 | RRT10K1E-PFV-150 | 24.00  | 16.50 | 13.01  | 1/4          | 1/2           | 11.2 |                      |         | 7620    |         |
| FTAH-C100-CFV-212 | RRT10K1E-PFV-150 | 24.00  | 17.46 | 13.01  | 3/8          | 5/8           | 11.2 |                      |         | 7620    |         |
| FTAH-C100-CFV-240 | RRT10K1E-PFV-150 | 24.00  | 16.87 | 13.01  | 3/8          | 5/8           | 11.2 |                      |         | 7620    |         |
| M2CH-0024-IAA-121 | ARE25C3E-IAA-103 |        |       |        |              |               | 6.6  |                      |         | 1530    |         |
| M2CH-0040-IAA-060 | ARE41C3E-IAA-103 | 17.38  | 13.57 | 9.79   | 1/4          | 3/8           | 10.2 |                      |         | 2730    |         |





# Copeland to Copeland Cross Reference

| Old Model         | Compressor Model | Length | Width | Height | Liquid Conn. | Suction Conn. | MCA  | Old Rated Capacities |         |         |         |
|-------------------|------------------|--------|-------|--------|--------------|---------------|------|----------------------|---------|---------|---------|
|                   |                  |        |       |        |              |               |      | LT_134A              | LT_404A | MT_134A | MT_404A |
| M2CH-0068-IAA-121 | RRT73C1E-IAA-102 | 11.66  | 21.00 | 11.75  | 1/4          | 3/8           | 15.5 |                      |         |         | 5210    |
| M2CH-0068-IAV-221 | RRT73C1E-IAV-104 |        |       |        |              |               | 11.6 |                      |         |         | 5210    |
| M2CH-0074-CFV-140 | RRT81C1E-PFV-150 | 17.83  | 13.23 | 11.91  | 1/4          | 5/8           | 9.3  |                      |         |         | 6470    |
| M2CH-0074-CFV-141 | RRT81C1E-PFV-150 | 17.38  | 12.73 | 11.76  | 1/4          | 1/2           | 9.3  |                      |         |         | 6470    |
| M2CH-A054-IAA-144 | RRT64C1E-IAA-104 |        |       |        |              |               | 15.5 |                      |         |         | 4990    |
| M2CH-H024-IAV-321 | ARE25C4E-IAV-103 |        |       |        |              |               | 3.4  |                      |         |         |         |
| M2CH-H047-CAA-121 | ARE51C4E-CAA-103 | 19.80  | 11.00 | 9.60   | 1/4          | 3/8           | 14   |                      |         |         | 3640    |
| M2CH-H049-CAA-121 | ARE51C4E-CAA-103 | 19.00  | 12.87 | 11.74  | 1/4          | 3/8           | 14   |                      |         |         | 3690    |
| M2CH-H049-CAA-122 | ARE51C4E-CAA-103 |        |       |        |              |               | 14   |                      |         |         | 3690    |
| M2CL-0050-CFA-121 | RFT18C1E-PFA-102 |        |       |        |              |               | 13   | 2390                 |         |         |         |
| M2CL-A025-IAA-111 | AFE10C3E-IAA-103 | 17.38  | 12.09 | 9.73   | 1/4          | 3/8           | 6.9  | 1070                 |         |         |         |
| M2CL-A025-IAA-143 | AFE10C3E-IAA-103 | 13.64  | 11.58 | 9.67   | 1/4          | 5/16          | 6.9  | 1070                 |         |         |         |
| M2CL-A025-IAA-146 | AFE10C3E-IAA-103 | 17.38  | 12.04 | 9.73   | 3/8          | 3/8           | 6.9  | 1070                 |         |         |         |
| M2CL-A025-IAA-147 | AFE10C3E-IAA-103 |        |       |        |              |               | 6.9  | 1070                 |         |         |         |
| M2CL-A025-IAA-148 | AFE10C3E-IAA-103 |        |       |        |              |               | 6.9  | 1070                 |         |         |         |
| M2CL-A025-IAA-149 | AFE10C3E-IAA-103 |        |       |        |              |               | 6.9  | 1070                 |         |         |         |
| M2CL-A025-IAA-150 | AFE10C3E-IAA-103 |        |       |        |              |               | 6.9  | 1070                 |         |         |         |
| M2CL-B033-IAA-111 | AFE12C3E-IAA-103 | 17.38  | 12.00 | 9.73   | 1/4          | 3/8           | 6.7  | 1240                 |         |         |         |
| M2CL-B033-IAA-122 | AFE12C3E-IAA-103 | 17.40  | 12.10 | 9.70   | 3/8          | 3/8           | 6.7  | 1240                 |         |         |         |
| M2CL-B033-IAA-146 | AFE12C3E-IAA-103 | 17.38  | 12.04 | 9.73   | 3/8          | 3/8           | 6.7  | 1240                 |         |         |         |
| M2CL-B033-IAA-147 | AFE12C3E-IAA-103 |        |       |        |              |               | 6.7  | 1240                 |         |         |         |
| M2CL-B033-IAA-148 | AFE12C3E-IAA-103 |        |       |        |              |               | 6.7  | 1240                 |         |         |         |
| M2CL-B033-IAA-149 | AFE12C3E-IAA-103 |        |       |        |              |               | 6.7  | 1240                 |         |         |         |
| M2CL-B033-IAA-150 | AFE12C3E-IAA-103 |        |       |        |              |               | 6.7  | 1240                 |         |         |         |
| M2CL-H034-IAA-121 | AFE12C4E-IAA-103 | 14.30  | 12.10 | 9.70   | 1/4          | 5/16          | 8.9  |                      |         |         |         |
| M2CM-0054-IAA-123 | RRT64C1E-IAA-104 |        |       |        |              |               | 14.6 |                      |         |         | 4640    |
| M2CM-0054-IAA-124 | RRT64C1E-IAA-104 |        |       |        |              |               | 14.6 |                      |         |         | 4640    |
| M2EH-0024-SAA-102 | ARE25C3E-SAA-103 | 10.52  | 16.00 | 14.25  | 1/4          | 5/16          | 6.3  |                      |         |         | 1810    |
| M2EH-0026-IAA-020 | ARE27C3E-IAA-103 | 16.00  | 14.25 | 10.52  | 1/4          | 3/8           | 6.9  |                      |         |         | 2080    |
| M2EH-0026-IAA-021 | ARE27C3E-IAA-103 | 16.00  | 14.25 | 10.52  | 1/4          | 3/8           | 6.9  |                      |         |         | 2080    |
| M2EH-0026-IAA-103 | ARE27C3E-IAA-103 | 16.00  | 14.25 | 10.52  | 1/4          | 3/8           | 6.9  |                      |         |         | 2080    |
| M2EH-0026-IAA-111 | ARE27C3E-IAA-103 | 16.00  | 14.25 | 10.52  | 1/4          | 3/8           | 6.9  |                      |         |         | 2080    |
| M2EH-0026-IAA-121 | ARE27C3E-IAA-103 | 16.00  | 14.25 | 10.52  | 1/4          | 3/8           | 6.9  |                      |         |         | 2080    |
| M2EH-0070-CAA-121 | RRT73C1E-CAA-102 | 24.00  | 17.00 | 13.60  | 1/4          | 3/8           | 15.8 |                      |         |         | 5490    |
| M2EH-0075-CFA-210 | RRT81C1E-PFA-150 | 24.00  | 17.12 | 13.59  | 3/8          | 1/2           | 18.3 |                      |         |         | 6430    |
| M2EH-0075-CFA-212 | RRT81C1E-PFA-150 | 24.00  | 17.12 | 13.58  | 3/8          | 5/8           | 18.3 |                      |         |         | 6430    |
| M2EH-0075-CFV-121 | RRT81C1E-PFV-150 | 24.00  | 16.75 | 13.58  | 1/4          | 1/2           | 9.3  |                      |         |         | 6430    |
| M2EH-0075-CFV-140 | RRT81C1E-PFV-150 | 24.00  | 17.11 | 13.58  | 3/8          | 3/8           | 9.3  |                      |         |         | 6430    |
| M2EH-0090-CFV-208 | RRT10K1E-PFV-150 | 24.00  | 16.80 | 13.58  | 3/8          | 5/8           | 11.2 |                      |         |         | 7610    |
| M2EH-A033-IAA-121 | ARE37C3E-IAA-103 | 10.52  | 14.25 | 16.00  | 1/4          | 3/8           | 9.9  |                      |         |         | 2620    |
| M2EH-A033-IAA-208 | ARE37C3E-IAA-103 | 14.25  | 16.00 | 10.52  | 1/4          | 3/8           | 9.9  |                      |         |         | 2620    |
| M2EH-A033-IAA-212 | ARE37C3E-IAA-103 | 16.00  | 14.30 | 10.60  | 1/4          | 3/8           | 9.9  |                      |         |         | 2620    |
| M2EH-A033-IAA-221 | ARE37C3E-IAA-103 | 16.00  | 14.25 | 10.52  | 1/4          | 3/8           | 9.9  |                      |         |         | 2620    |
| M2EH-H047-CAA-212 | ARE51C4E-CAA-103 | 16.00  | 15.10 | 11.80  | 1/4          | 5/16          | 14   |                      |         |         |         |
| M2EL-0050-CFA-212 | RFT18C1E-PFA-102 | 17.36  | 15.53 | 13.31  | 1/4          | 1/2           | 13   | 2360                 |         |         |         |
| M2EL-B033-IAA-020 | AFE12C3E-IAA-103 | 16.00  | 14.25 | 10.52  | 1/4          | 3/8           | 6.7  | 1240                 |         |         |         |
| M2EM-0052-IAA-103 | RRT64C1E-IAA-109 | 17.00  | 15.50 | 11.80  | 1/4          | 1/2           | 14.6 |                      |         |         | 4540    |
| M2EM-0052-IAA-144 | RRT64C1E-IAA-104 | 16.90  | 15.60 | 11.80  | 3/8          | 1/2           | 14.6 |                      |         |         | 4540    |
| M2EM-0052-IAA-208 | RRT64C1E-IAA-109 | 16.90  | 15.60 | 11.80  | 3/8          | 1/2           | 14.6 |                      |         |         | 4540    |
| M2EM-0052-IAA-212 | RRT64C1E-IAA-109 | 16.90  | 15.60 | 11.80  | 1/4          | 1/2           | 14.6 |                      |         |         | 4540    |
| M2EM-0052-IAA-252 | RRT64C1E-IAA-109 | 16.90  | 15.80 | 11.80  | 1/4          | 1/2           | 14.6 |                      |         |         | 4540    |
| M2EM-0052-IAV-144 | RRT64C1E-IAV-104 |        |       |        |              |               | 8.6  |                      |         |         | 4540    |
| M2EM-0059-IAA-140 | RRT64C1E-IAA-109 | 24.00  | 17.00 | 13.60  | 3/8          | 5/8           | 15.8 |                      |         |         | 5130    |
| M2EM-0059-IAV-102 | RRT64C1E-IAV-104 | 24.00  | 17.00 | 13.60  | 3/8          | 5/8           | 9.2  |                      |         |         | 5130    |
| M2EM-0075-CFA-140 | RRT10K1E-PFA-150 | 24.00  | 17.13 | 13.58  | 3/8          | 5/8           | 19   |                      |         |         | 7160    |
| M2EM-0075-CFA-212 | RRT10K1E-PFA-150 | 24.00  | 16.80 | 13.58  | 3/8          | 5/8           | 19   |                      |         |         | 7160    |
| M2EM-0075-CFV-212 | RRT10K1E-PFV-150 | 24.00  | 16.75 | 13.58  | 3/8          | 5/8           | 11.2 |                      |         |         | 7160    |
| M2EM-0075-CFV-215 | RRT10K1E-PFV-150 | 24.00  | 16.75 | 13.58  | 3/8          | 1/2           | 11.2 |                      |         |         | 7160    |
| M2EM-0078-CFV-212 | RRT10K1E-PFV-150 | 24.00  | 17.11 | 13.59  | 3/8          | 5/8           | 11.2 |                      |         |         | 7460    |
| M2EM-0078-CFV-260 | RRT10K1E-PFV-150 | 24.89  | 17.11 | 13.70  | 3/8          | 5/8           | 11.2 |                      |         |         | 7460    |
| M2EM-A048-IAA-111 | RRT62C1E-IAA-104 | 16.50  | 15.10 | 11.80  | 1/4          | 3/8           | 12.8 |                      |         |         | 3740    |
| M2EM-A048-IAA-121 | RRT62C1E-IAA-104 | 16.60  | 15.50 | 11.80  | 1/4          | 3/8           | 12.8 |                      |         |         | 3740    |



## Copeland to Copeland Cross Reference

| Old Model         | Compressor Model | Length | Width | Height | Liquid Conn. | Suction Conn. | MCA  | Old Rated Capacities |         |         |         |
|-------------------|------------------|--------|-------|--------|--------------|---------------|------|----------------------|---------|---------|---------|
|                   |                  |        |       |        |              |               |      | LT_134A              | LT_404A | MT_134A | MT_404A |
| M2EM-A048-IAA-122 | RRT62C1E-IAA-104 | 16.62  | 15.20 | 11.77  | 1/4          | 3/8           | 12.8 |                      |         |         | 3740    |
| M2EM-A048-IAA-140 | RRT62C1E-IAA-104 | 16.50  | 15.10 | 11.80  | 1/4          | 3/8           | 12.8 |                      |         |         | 3740    |
| M2EM-A048-IAA-141 | RRT62C1E-IAA-104 | 16.60  | 15.50 | 11.80  | 1/4          | 3/8           | 12.8 |                      |         |         | 3740    |
| M2EM-A048-IAA-144 | RRT62C1E-IAA-104 | 16.60  | 15.50 | 11.80  | 1/4          | 3/8           | 12.8 |                      |         |         | 3740    |
| M2EM-A048-IAA-212 | RRT62C1E-IAA-104 | 16.26  | 15.12 | 11.83  | 1/4          | 3/8           | 12.8 |                      |         |         | 3740    |
| M2EM-A048-IAA-215 | RRT62C1E-IAA-104 | 16.10  | 15.10 | 11.80  | 1/4          | 3/8           | 12.8 |                      |         |         | 3740    |
| M2EM-A048-IAA-247 | RRT62C1E-IAA-104 | 16.26  | 15.12 | 11.83  | 1/4          | 3/8           | 12.8 |                      |         |         | 3740    |
| M2EM-A048-IAV-103 | RRT62C1E-IAV-104 | 16.00  | 15.43 | 11.77  | 1/4          | 3/8           | 6    |                      |         |         | 3740    |
| M2EM-A048-IAV-111 | RRT62C1E-IAV-104 |        |       |        |              |               | 6    |                      |         |         | 3740    |
| M2EM-A048-IAV-208 | RRT62C1E-IAV-104 |        |       |        |              |               | 6    |                      |         |         | 3740    |
| M2EM-A048-IAV-212 | RRT62C1E-IAV-104 | 16.00  | 15.52 | 11.77  | 1/4          | 3/8           | 6    |                      |         |         | 3740    |
| M2EM-A049-IAA-221 | RRT62C1E-IAA-104 | 16.20  | 15.20 | 12.60  | 1/4          | 3/8           | 12.8 |                      |         |         |         |
| M2FF-0056-CFA-121 | RFT18C1E-PFA-102 | 17.38  | 13.99 | 12.56  | 1/4          | 5/8           | 13.8 | 2580                 |         |         | 5520    |
| M2FF-0056-CFA-212 | RFT18C1E-PFA-102 | 17.38  | 14.38 | 12.56  | 1/4          | 5/8           | 13.8 | 2580                 |         |         | 5520    |
| M2FF-0056-CFA-252 | RFT18C1E-PFA-102 | 17.50  | 14.38 | 12.56  | 1/4          | 5/8           | 13.8 | 2580                 |         |         | 5520    |
| M2FF-E056-CFA-121 | RFT18C1E-PFA-102 | 17.49  | 14.03 | 11.82  | 1/4          | 5/8           | 13.5 | 2580                 |         |         | 5520    |
| M2FF-E056-CFA-140 | RFT18C1E-PFA-102 | 17.50  | 14.38 | 10.50  | 1/4          | 5/8           | 13.5 | 2580                 |         |         | 5520    |
| M2FF-E056-CFA-212 | RFT18C1E-PFA-102 | 17.50  | 14.38 | 11.82  | 1/4          | 5/8           | 13.5 | 2580                 |         |         | 5520    |
| M2FF-E056-CFA-221 | RFT18C1E-PFA-102 |        |       |        |              |               | 13.5 | 2580                 |         |         | 5520    |
| M2FH-0024-IAA-119 | ARE25C3E-IAA-103 | 13.96  | 11.47 | 9.67   | 1/4          | 5/16          | 6.6  |                      |         |         | 1810    |
| M2FH-0024-SAA-102 | ARE25C3E-SAA-103 | 13.80  | 11.05 | 9.67   | 1/4          | 5/16          | 6.3  |                      |         |         | 1810    |
| M2FH-0024-SAA-111 | ARE25C3E-SAA-103 |        |       |        |              |               | 6.3  |                      |         |         | 1810    |
| M2FH-0024-SAA-140 | ARE25C3E-SAA-103 | 13.82  | 11.20 | 9.67   | 3/8          | 3/8           | 6.3  |                      |         |         | 1810    |
| M2FH-0024-SAA-143 | ARE25C3E-SAA-103 | 14.00  | 11.40 | 9.60   | 1/4          | 3/8           | 6.3  |                      |         |         | 1810    |
| M2FH-0025-IAA-018 | ARE27C3E-IAA-103 | 13.67  | 11.48 | 9.60   | 1/4          | 5/16          | 6.9  |                      |         |         | 1950    |
| M2FH-0025-IAA-040 | ARE27C3E-IAA-103 | 13.90  | 11.49 | 10.00  | 1/4          | 3/8           | 6.9  |                      |         |         | 1950    |
| M2FH-0025-IAA-121 | ARE27C3E-IAA-103 | 21.90  | 11.50 | 9.60   | 1/4          | 3/8           | 6.9  |                      |         |         | 1950    |
| M2FH-0026-IAA-020 | ARE27C3E-IAA-103 | 13.90  | 11.90 | 9.60   | 1/4          | 3/8           | 6.9  |                      |         |         | 2080    |
| M2FH-0026-IAA-072 | ARE27C3E-IAA-103 | 14.50  | 12.00 | 11.40  | 1/4          | 3/8           | 6.9  |                      |         |         | 2080    |
| M2FH-0026-IAA-102 | ARE27C3E-IAA-103 | 13.60  | 11.10 | 9.70   | 1/4          | 5/16          | 6.9  |                      |         |         | 2080    |
| M2FH-0026-IAA-103 | ARE27C3E-IAA-103 | 13.80  | 11.50 | 9.70   | 1/4          | 3/8           | 6.9  |                      |         |         | 2080    |
| M2FH-0026-IAA-111 | ARE27C3E-IAA-103 | 13.80  | 11.30 | 9.70   | 1/4          | 3/8           | 6.9  |                      |         |         | 2080    |
| M2FH-0026-IAA-122 | ARE27C3E-IAA-103 | 13.80  | 11.80 | 9.70   | 1/4          | 3/8           | 6.9  |                      |         |         | 2080    |
| M2FH-0026-IAA-127 | ARE27C3E-IAA-103 | 13.82  | 11.10 | 9.67   | 1/4          | 5/16          | 6.9  |                      |         |         | 2080    |
| M2FH-0026-IAA-128 | ARE27C3E-IAA-103 | 13.82  | 11.10 | 9.67   | 1/4          | 5/16          | 6.9  |                      |         |         | 2080    |
| M2FH-0026-IAA-129 | ARE27C3E-IAA-103 | 13.82  | 11.30 | 9.67   | 1/4          | 3/8           | 6.9  |                      |         |         | 2080    |
| M2FH-0026-IAA-130 | ARE27C3E-IAA-103 | 13.80  | 11.30 | 9.70   | 1/4          | 3/8           | 6.9  |                      |         |         | 2080    |
| M2FH-0026-IAA-131 | ARE27C3E-IAA-103 | 13.80  | 11.40 | 9.70   | 3/8          | 3/8           | 6.9  |                      |         |         | 2080    |
| M2FH-0026-IAA-141 | ARE27C3E-IAA-103 | 13.80  | 11.21 | 9.60   | 1/4          | 5/16          | 6.9  |                      |         |         | 2080    |
| M2FH-0026-IAA-144 | ARE27C3E-IAA-103 | 13.85  | 11.86 | 9.67   | 1/4          | 5/16          | 6.9  |                      |         |         | 2080    |
| M2FH-0033-IAA-121 | ARE37C3E-IAA-103 | 13.90  | 11.40 | 9.70   | 3/8          | 3/8           | 9.7  |                      |         |         | 2370    |
| M2FH-0033-IAA-140 | ARE37C3E-IAA-103 | 13.90  | 11.40 | 9.60   | 1/4          | 3/8           | 9.7  |                      |         |         | 2370    |
| M2FH-0033-IAV-140 | ARE37C3E-IAV-103 | 13.80  | 11.80 | 9.70   | 1/4          | 5/16          | 4.8  |                      |         |         | 2370    |
| M2FH-0033-IAV-141 | ARE37C3E-IAV-103 |        |       |        |              |               | 4.8  |                      |         |         | 2370    |
| M2FH-0039-IAA-0H2 | ARE37C3E-IAA-103 | 24.50  | 20.96 | 18.60  | 1/4          | 1/2           | 10.6 |                      |         |         | 2980    |
| M2FH-0040-IAA-143 | ARE41C3E-IAA-103 | 16.30  | 13.10 | 9.73   | 1/4          | 3/8           | 10.2 |                      |         |         | 2870    |
| M2FH-0040-IAA-160 | ARE41C3E-IAA-103 | 16.60  | 13.40 | 9.60   | 3/8          | 3/8           | 10.2 |                      |         |         | 2870    |
| M2FH-0040-IAA-212 | ARE41C3E-IAA-103 | 16.30  | 12.50 | 9.73   | 1/4          | 3/8           | 10.2 |                      |         |         | 2870    |
| M2FH-0040-IAV-160 | ARE41C3E-IAV-103 | 16.80  | 12.80 | 9.90   | 3/8          | 3/8           | 5.5  |                      |         |         | 2870    |
| M2FH-0040-IAV-212 | ARE41C3E-IAV-103 | 16.52  | 12.52 | 9.73   | 1/4          | 3/8           | 5.5  |                      |         |         | 2870    |
| M2FH-0050-IAA-127 | ART62C1E-IAA-103 | 16.20  | 12.10 | 11.70  | 1/4          | 3/8           | 13.6 |                      |         |         | 4230    |
| M2FH-0050-IAA-128 | ART62C1E-IAA-103 | 16.20  | 12.70 | 11.80  | 1/4          | 3/8           | 13.6 |                      |         |         | 4230    |
| M2FH-0074-CFA-140 | RRT81C1E-PFA-150 | 17.50  | 13.99 | 11.82  | 1/4          | 1/2           | 18   |                      |         |         | 6370    |
| M2FH-0074-CFA-141 | RRT81C1E-PFA-150 | 17.50  | 14.39 | 11.82  | 3/8          | 1/2           | 18   |                      |         |         | 6370    |
| M2FH-0074-CFA-144 | RRT81C1E-PFA-150 | 22.03  | 15.25 | 16.63  | 1/4          | 5/8           | 18   |                      |         |         | 6370    |
| M2FH-0074-CFA-145 | RRT81C1E-PFA-150 | 17.38  | 13.99 | 11.82  | 1/4          | 1/2           | 18   |                      |         |         | 6370    |
| M2FH-0074-CFA-212 | RRT81C1E-PFA-150 | 17.50  | 14.39 | 11.92  | 1/4          | 5/8           | 18   |                      |         |         | 6370    |
| M2FH-0074-CFA-272 | RRT81C1E-PFA-150 | 17.50  | 14.39 | 12.50  | 1/4          | 5/8           | 18   |                      |         |         | 6370    |
| M2FH-0074-CFV-144 | RRT81C1E-PFV-150 | 19.77  | 15.25 | 16.52  | 1/4          | 5/8           | 9.1  |                      |         |         | 6370    |
| M2FH-0074-CFV-145 | RRT81C1E-PFV-150 | 17.38  | 13.99 | 11.82  | 1/4          | 1/2           | 9.1  |                      |         |         | 6370    |
| M2FH-0074-CFV-160 | RRT81C1E-PFV-150 | 17.38  | 14.38 | 11.96  | 3/8          | 5/8           | 9.1  |                      |         |         | 6370    |
| M2FH-0074-CFV-212 | RRT81C1E-PFV-150 | 17.38  | 14.39 | 11.82  | 1/4          | 5/8           | 9.1  |                      |         |         | 6370    |

| New Model         | New Compressor Model | New Length | New Width | New Height | New Liquid | New Suction | New MCA | New Rated Capacities |         |         |         |
|-------------------|----------------------|------------|-----------|------------|------------|-------------|---------|----------------------|---------|---------|---------|
|                   |                      |            |           |            |            |             |         | LT_134a              | LT_404A | MT_134a | MT_404A |
| M7EH-H044-IAA-103 | RRT62C1E-IAA-104     | 16.67      | 15.36     | 11.75      | 1/4        | 1/2         | 12.8    |                      |         |         | 3890    |
| M7EH-H044-IAA-103 | RRT62C1E-IAA-104     | 16.67      | 15.36     | 11.75      | 1/4        | 1/2         | 12.8    |                      |         |         | 3890    |
| M7EH-H044-IAA-103 | RRT62C1E-IAA-104     | 16.67      | 15.36     | 11.75      | 1/4        | 1/2         | 12.8    |                      |         |         | 3890    |
| M7EH-H044-IAA-111 | RRT62C1E-IAA-104     | 16.67      | 15.36     | 11.75      | 1/4        | 1/2         | 12.8    |                      |         |         | 3890    |
| M7EH-H044-IAA-103 | RRT62C1E-IAA-104     | 16.62      | 15.27     | 11.75      | 1/4        | 3/8         | 12.8    |                      |         |         | 3890    |
| M7EH-H044-IAA-111 | RRT62C1E-IAA-104     | 16.67      | 15.36     | 11.75      | 1/4        | 1/2         | 12.8    |                      |         |         | 3890    |
| M7EH-H044-IAA-212 | RRT62C1E-IAA-104     | 16.25      | 15.55     | 11.86      | 1/4        | 3/8         | 12.8    |                      |         |         | 3890    |
| M7EH-H044-IAV-103 | RRT62C1E-IAV-104     | 16.62      | 15.27     | 11.75      | 1/4        | 3/8         | 6       |                      |         |         | 3890    |
| M7EH-H044-IAV-111 | RRT62C1E-IAV-104     | 16.67      | 15.36     | 11.75      | 1/4        | 1/2         | 6       |                      |         |         | 3890    |
| M7EH-H044-IAV-111 | RRT62C1E-IAV-104     | 16.67      | 15.36     | 11.75      | 1/4        | 1/2         | 6       |                      |         |         | 3890    |
| M7EH-H044-IAA-103 | RRT62C1E-IAA-104     | 16.62      | 15.27     | 11.75      | 1/4        | 3/8         | 12.8    |                      |         |         | 3890    |
| M7GP-H066-CFA-177 | RFT18C1E-PFA-102     | 18.82      | 14.34     | 12.29      | 3/8        |             | 13.8    | 2650                 |         |         | 5710    |
| M7GP-H066-CFA-177 | RFT18C1E-PFA-102     | 18.82      | 14.34     | 12.29      | 3/8        |             | 13.8    | 2650                 |         |         | 5710    |
| M7GP-H066-CFA-272 | RFT18C1E-PFA-102     | 18.82      | 14.34     | 12.29      | 3/8        | 1/2         | 13.8    | 2650                 |         |         | 5710    |
| M7GP-H066-CFA-177 | RFT18C1E-PFA-102     | 18.82      | 14.34     | 12.29      | 3/8        |             | 13.8    | 2650                 |         |         | 5710    |
| M7GP-H066-CFA-272 | RFT18C1E-PFA-102     | 18.82      | 14.34     | 12.29      | 3/8        | 1/2         | 13.8    | 2650                 |         |         | 5710    |
| M7GP-H066-CFA-272 | RFT18C1E-PFA-102     | 18.82      | 14.34     | 12.29      | 3/8        | 1/2         | 13.8    | 2650                 |         |         | 5710    |
| M7GP-H066-CFA-177 | RFT18C1E-PFA-102     | 18.82      | 14.34     | 12.29      | 3/8        |             | 13.8    | 2650                 |         |         | 5710    |
| M7JH-0021-IAA-177 | ARE29C4E-IAA-103     | 14.10      | 11.45     | 11.37      | 1/4        | 5/16        | 5.5     |                      |         |         | 2090    |
| M7JH-0018-IAA-078 | ARE25C4E-IAA-103     | 14.13      | 12.12     | 11.37      | 1/4        | 3/8         | 6.8     |                      |         |         | 1820    |
| M7JH-0018-IAA-179 | ARE25C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 6.8     |                      |         |         | 1820    |
| M7JH-0018-IAA-179 | ARE25C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 6.8     |                      |         |         | 1820    |
| M7JH-0018-IAA-179 | ARE25C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 6.8     |                      |         |         | 1820    |
| M7JH-0020-IAA-078 | ARE25C4E-IAA-103     | 14.13      | 12.12     | 11.37      | 1/4        | 3/8         | 6.8     |                      |         |         | 1970    |
| M7JH-0020-IAA-078 | ARE25C4E-IAA-103     | 14.13      | 12.12     | 11.37      | 1/4        | 3/8         | 6.8     |                      |         |         | 1970    |
| M7JH-0020-IAA-179 | ARE25C4E-IAA-103     | 13.91      | 11.46     | 9.67       | 1/4        |             | 6.8     |                      |         |         | 1970    |
| M7JH-0018-IAA-078 | ARE25C4E-IAA-103     | 14.13      | 12.12     | 11.37      | 1/4        | 3/8         | 6.8     |                      |         |         | 1820    |
| M7JH-0018-IAA-078 | ARE25C4E-IAA-103     | 14.13      | 12.12     | 11.37      | 1/4        | 3/8         | 6.8     |                      |         |         | 1820    |
| M7JH-0018-IAA-179 | ARE25C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 6.8     |                      |         |         | 1820    |
| M7JH-0018-IAA-177 | ARE25C4E-IAA-103     | 14.10      | 11.45     | 11.37      | 1/4        | 5/16        | 6.8     |                      |         |         | 1820    |
| M7JH-0018-IAA-179 | ARE25C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 6.8     |                      |         |         | 1820    |
| M7JH-0018-IAA-179 | ARE25C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 6.8     |                      |         |         | 1820    |
| M7JH-0018-IAA-179 | ARE25C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 6.8     |                      |         |         | 1820    |
| M7JH-0018-IAA-179 | ARE25C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 6.8     |                      |         |         | 1820    |
| M7JH-0018-IAA-179 | ARE25C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 6.8     |                      |         |         | 1820    |
| M7JH-0018-IAA-179 | ARE25C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 6.8     |                      |         |         | 1820    |
| M7JH-0018-IAA-179 | ARE25C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 6.8     |                      |         |         | 1820    |
| M7JH-0018-IAA-179 | ARE25C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 6.8     |                      |         |         | 1820    |
| M7JH-0018-IAA-179 | ARE25C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 6.8     |                      |         |         | 1820    |
| M7JH-0026-IAA-179 | ARE35C5E-IAA-103     | 13.94      | 11.46     | 9.61       | 1/4        | 3/8         | 9.3     |                      |         |         | 2410    |
| M7JH-0026-IAA-179 | ARE35C5E-IAA-103     | 13.94      | 11.46     | 9.61       | 1/4        | 3/8         | 9.3     |                      |         |         | 2410    |
| M7JH-H038-IAV-179 | ARE48C5E-IAV-103     | 13.96      | 11.46     | 9.67       | 1/4        |             | 6.8     |                      |         |         | 3450    |
| M7JH-H038-IAV-179 | ARE48C5E-IAV-103     | 13.96      | 11.46     | 9.67       | 1/4        |             | 6.8     |                      |         |         | 3450    |
| M7ZH-H032-IAA-272 | ARE35C5E-IAA-103     | 16.58      | 13.09     | 11.70      | 1/4        | 3/8         | 9.5     |                      |         |         |         |
| M7JH-H029-IAA-177 | ARE35C5E-IAA-103     | 14.39      | 11.57     | 11.37      | 1/4        | 3/8         | 9.3     |                      |         |         | 2640    |
| M7JH-H029-IAA-177 | ARE35C5E-IAA-103     | 14.39      | 11.57     | 11.37      | 1/4        | 3/8         | 9.3     |                      |         |         | 2640    |
| M7JH-H029-IAA-177 | ARE35C5E-IAA-103     | 14.39      | 11.57     | 11.37      | 1/4        | 3/8         | 9.3     |                      |         |         | 2640    |
| M7ZH-0041-IAV-078 | ARE48C5E-IAV-103     | 16.58      | 13.09     | 11.71      | 1/4        | 5/16        | 6.9     |                      |         |         | 3600    |
| M7ZH-0041-IAV-177 | ARE48C5E-IAV-103     | 16.58      | 12.68     | 11.73      | 1/4        | 5/16        | 6.9     |                      |         |         | 3600    |
| M7ZH-0045-IAA-177 | ARE54C5E-IAA-103     | 16.58      | 12.68     | 11.73      | 1/4        | 5/16        | 12.5    |                      |         |         | 4010    |
| M7ZH-0045-IAA-177 | ARE54C5E-IAA-103     | 16.58      | 12.68     | 11.73      | 1/4        | 5/16        | 12.5    |                      |         |         | 4010    |
| M7ZH-H067-CFA-179 | RRT81C1E-PFA-150     | 16.46      | 14.16     | 12.18      | 1/4        |             | 17.1    |                      |         |         | 6070    |
| M7ZH-H067-CFA-179 | RRT81C1E-PFA-150     | 16.46      | 14.16     | 12.18      | 1/4        |             | 17.1    |                      |         |         | 6070    |
| M7ZH-H067-CFA-179 | RRT81C1E-PFA-150     | 16.46      | 14.16     | 12.18      | 1/4        |             | 17.1    |                      |         |         | 6070    |
| M7ZH-H067-CFA-272 | RRT81C1E-PFA-150     | 17.31      | 13.82     | 12.29      | 3/8        | 3/8         | 17.1    |                      |         |         | 6070    |
| M7ZH-H067-CFA-272 | RRT81C1E-PFA-150     | 17.31      | 13.82     | 12.29      | 3/8        | 3/8         | 17.1    |                      |         |         | 6070    |
| M7ZH-H067-CFA-272 | RRT81C1E-PFA-150     | 17.31      | 13.82     | 12.29      | 3/8        | 3/8         | 17.1    |                      |         |         | 6070    |
| M7ZH-H067-CFV-179 | RRT81C1E-PFV-150     | 16.46      | 14.16     | 12.18      | 1/4        |             | 8.7     |                      |         |         | 6070    |
| M7ZH-H067-CFV-179 | RRT81C1E-PFV-150     | 16.46      | 14.16     | 12.18      | 1/4        |             | 8.7     |                      |         |         | 6070    |
| M7ZH-H067-CFV-179 | RRT81C1E-PFV-150     | 16.46      | 14.16     | 12.18      | 1/4        |             | 8.7     |                      |         |         | 6070    |
| M7ZH-H067-CFV-272 | RRT81C1E-PFV-150     | 17.31      | 13.82     | 12.29      | 3/8        | 5/8         | 8.7     |                      |         |         | 6070    |

## Copeland to Copeland Cross Reference

| Old Model         | Compressor Model | Length | Width | Height | Liquid Conn. | Suction Conn. | MCA  | Old Rated Capacities |         |         |         |
|-------------------|------------------|--------|-------|--------|--------------|---------------|------|----------------------|---------|---------|---------|
|                   |                  |        |       |        |              |               |      | LT_134A              | LT_404A | MT_134A | MT_404A |
| M2FH-0074-CFV-272 | RRT81C1E-PFV-150 | 17.50  | 14.39 | 12.50  | 1/4          | 5/8           | 9.1  |                      |         |         | 6370    |
| M2FH-0075-CFA-115 | RRT81C1E-PFA-150 | 24.00  | 16.66 | 13.07  | 1/4          | 1/2           | 18.3 |                      |         |         | 6420    |
| M2FH-0075-CFA-212 | RRT81C1E-PFA-150 | 24.00  | 17.33 | 13.07  | 3/8          | 5/8           | 18.3 |                      |         |         | 6420    |
| M2FH-0075-CFV-020 | RRT81C1E-PFV-150 | 24.00  | 17.49 | 13.07  | 3/8          | 5/8           | 9.3  |                      |         |         | 6420    |
| M2FH-0075-CFV-115 | RRT81C1E-PFV-150 | 24.00  | 16.66 | 13.07  | 1/4          | 1/2           | 9.3  |                      |         |         | 6420    |
| M2FH-0075-CFV-212 | RRT81C1E-PFV-150 | 24.00  | 17.49 | 13.07  | 3/8          | 5/8           | 9.3  |                      |         |         | 6420    |
| M2FH-A025-IAA-140 | ARE27C3E-IAA-103 | 13.90  | 11.48 | 9.67   | 1/4          | 5/16          | 7.1  |                      |         |         | 2060    |
| M2FH-A033-IAA-102 | ARE37C3E-IAA-103 | 13.80  | 11.10 | 9.70   | 1/4          | 5/16          | 9.9  |                      |         |         | 2620    |
| M2FH-A033-IAA-103 | ARE37C3E-IAA-103 | 13.80  | 11.50 | 9.70   | 1/4          | 3/8           | 9.9  |                      |         |         | 2620    |
| M2FH-A033-IAA-111 | ARE37C3E-IAA-103 | 13.80  | 11.30 | 9.70   | 1/4          | 3/8           | 9.9  |                      |         |         | 2620    |
| M2FH-A033-IAA-122 | ARE37C3E-IAA-103 | 13.80  | 11.40 | 9.70   | 1/4          | 3/8           | 9.9  |                      |         |         | 2620    |
| M2FH-A033-IAA-123 | ARE37C3E-IAA-103 | 13.60  | 11.30 | 9.70   | 3/8          | 3/8           | 9.9  |                      |         |         | 2620    |
| M2FH-A033-IAA-126 | ARE37C3E-IAA-103 | 13.85  | 12.05 | 9.67   | 1/4          | 3/8           | 9.9  |                      |         |         | 2620    |
| M2FH-A033-IAA-127 | ARE37C3E-IAA-103 | 13.80  | 11.30 | 9.70   | 1/4          | 3/8           | 9.9  |                      |         |         | 2620    |
| M2FH-A033-IAA-128 | ARE37C3E-IAA-103 | 14.00  | 11.30 | 9.60   | 1/4          | 5/16          | 9.9  |                      |         |         | 2620    |
| M2FH-A033-IAA-129 | ARE37C3E-IAA-103 | 13.90  | 11.30 | 9.70   | 1/4          | 3/8           | 9.9  |                      |         |         | 2620    |
| M2FH-A033-IAA-140 | ARE37C3E-IAA-103 | 13.82  | 11.48 | 9.67   | 1/4          | 5/16          | 9.9  |                      |         |         | 2620    |
| M2FH-A033-IAA-141 | ARE37C3E-IAA-103 | 13.80  | 11.30 | 9.70   | 1/4          | 5/16          | 9.9  |                      |         |         | 2620    |
| M2FH-A033-IAA-144 | ARE37C3E-IAA-103 | 13.85  | 11.94 | 9.67   | 1/4          | 5/16          | 9.9  |                      |         |         | 2620    |
| M2FH-A033-IAA-208 | ARE37C3E-IAA-103 | 13.90  | 11.70 | 9.60   | 1/4          | 3/8           | 9.9  |                      |         |         | 2620    |
| M2FH-A033-IAA-212 | ARE37C3E-IAA-103 | 13.90  | 11.90 | 9.60   | 1/4          | 3/8           | 9.9  |                      |         |         | 2620    |
| M2FH-A033-IAA-221 | ARE37C3E-IAA-103 | 13.91  | 11.50 | 9.60   | 1/4          | 5/16          | 9.9  |                      |         |         | 2620    |
| M2FH-A033-IAA-222 | ARE37C3E-IAA-103 | 13.80  | 11.80 | 9.70   | 1/4          | 3/8           | 9.9  |                      |         |         | 2620    |
| M2FH-A033-IAA-272 | ARE37C3E-IAA-103 | 14.50  | 12.00 | 11.40  | 1/4          | 3/8           | 9.9  |                      |         |         | 2620    |
| M2FH-A033-IAA-340 | ARE37C3E-IAA-103 | 13.80  | 12.80 | 9.70   | 1/4          | 3/8           | 9    |                      |         |         | 2620    |
| M2FH-A033-IAV-103 | ARE37C3E-IAV-103 | 13.80  | 11.80 | 9.70   | 1/4          | 3/8           | 4.9  |                      |         |         | 2620    |
| M2FH-A033-IAV-111 | ARE37C3E-IAV-103 | 13.80  | 11.80 | 9.70   | 1/4          | 3/8           | 4.9  |                      |         |         | 2620    |
| M2FH-A033-IAV-121 | ARE37C3E-IAV-103 | 14.00  | 11.30 | 9.60   | 1/4          | 5/16          | 4.9  |                      |         |         | 2620    |
| M2FH-A033-IAV-126 | ARE37C3E-IAV-103 | 13.85  | 12.04 | 9.67   | 1/4          | 3/8           | 4.9  |                      |         |         | 2620    |
| M2FH-A033-IAV-141 | ARE37C3E-IAV-103 | 13.80  | 11.80 | 9.70   | 1/4          | 5/16          | 4.9  |                      |         |         | 2620    |
| M2FH-A033-IAV-208 | ARE37C3E-IAV-103 | 13.80  | 11.80 | 9.70   | 1/4          | 3/8           | 4.9  |                      |         |         | 2620    |
| M2FH-A033-IAV-212 | ARE37C3E-IAV-103 | 13.80  | 11.80 | 9.70   | 1/4          | 3/8           | 4.9  |                      |         |         | 2620    |
| M2FH-A033-IAV-272 | ARE37C3E-IAV-103 | 14.50  | 12.00 | 11.40  | 1/4          | 3/8           | 4.9  |                      |         |         | 2620    |
| M2FH-A050-IAA-103 | RRT62C1E-IAA-104 | 17.30  | 14.10 | 11.70  | 1/4          | 3/8           | 12.8 |                      |         |         | 4060    |
| M2FH-A050-IAA-111 | RRT62C1E-IAA-104 | 17.50  | 13.70 | 11.70  | 1/4          | 3/8           | 12.8 |                      |         |         | 4060    |
| M2FH-A050-IAA-121 | RRT62C1E-IAA-104 | 17.30  | 14.10 | 11.70  | 1/4          | 3/8           | 12.8 |                      |         |         | 4060    |
| M2FH-A050-IAA-122 | RRT62C1E-IAA-104 | 17.50  | 13.80 | 11.70  | 3/8          | 1/2           | 12.8 |                      |         |         | 4060    |
| M2FH-A050-IAA-126 | RRT62C1E-IAA-104 | 17.50  | 13.90 | 11.70  | 1/4          | 3/8           | 12.8 |                      |         |         | 4060    |
| M2FH-A050-IAA-140 | RRT62C1E-IAA-104 | 16.60  | 13.80 | 11.70  | 1/4          | 3/8           | 12.8 |                      |         |         | 4060    |
| M2FH-A050-IAA-144 | RRT62C1E-IAA-104 | 16.60  | 13.80 | 11.70  | 1/4          | 3/8           | 12.8 |                      |         |         | 4060    |
| M2FH-A050-IAA-145 | RRT62C1E-IAA-104 | 19.00  | 14.10 | 15.00  | 1/4          | 5/8           | 12.8 |                      |         |         | 4060    |
| M2FH-A050-IAA-176 | RRT62C1E-IAA-104 | 16.64  | 13.80 | 11.64  | 1/4          | 3/8           | 12.8 |                      |         |         | 4060    |
| M2FH-A050-IAA-212 | RRT62C1E-IAA-104 | 16.60  | 13.80 | 11.70  | 1/4          | 3/8           | 12.8 |                      |         |         | 4060    |
| M2FH-A050-IAA-272 | RRT62C1E-IAA-104 | 16.60  | 13.80 | 11.70  | 1/4          | 3/8           | 12.8 |                      |         |         | 4060    |
| M2FH-A050-IAV-103 | RRT62C1E-IAV-104 | 17.10  | 13.70 | 11.80  | 1/4          | 3/8           | 6    |                      |         |         | 4060    |
| M2FH-A050-IAV-144 | RRT62C1E-IAV-104 | 18.90  | 14.80 | 14.90  | 1/4          | 5/8           | 6    |                      |         |         | 4060    |
| M2FH-A050-IAV-145 | RRT62C1E-IAV-104 | 17.30  | 13.20 | 11.80  | 1/4          | 3/8           | 6    |                      |         |         | 4060    |
| M2FH-A050-IAV-212 | RRT62C1E-IAV-104 | 16.60  | 13.70 | 11.70  | 1/4          | 3/8           | 6    |                      |         |         | 4060    |
| M2FH-A056-IAA-0H2 | RRT64C1E-IAA-109 | 24.50  | 21.10 | 18.60  | 1/4          | 1/2           | 15.4 |                      |         |         | 5100    |
| M2FH-A056-IAA-103 | RRT64C1E-IAA-104 | 17.80  | 14.20 | 11.80  | 1/4          | 3/8           | 15.5 |                      |         |         | 5100    |
| M2FH-A056-IAA-111 | RRT64C1E-IAA-104 | 17.80  | 14.20 | 11.80  | 1/4          | 3/8           | 15.5 |                      |         |         | 5100    |
| M2FH-A056-IAA-121 | RRT64C1E-IAA-104 |        |       |        |              |               | 15.5 |                      |         |         | 5100    |
| M2FH-A056-IAA-122 | RRT64C1E-IAA-104 |        |       |        |              |               | 15.5 |                      |         |         | 5100    |
| M2FH-A056-IAA-123 | RRT64C1E-IAA-104 |        |       |        |              |               | 15.5 |                      |         |         | 5100    |
| M2FH-A056-IAA-140 | RRT64C1E-IAA-104 | 17.80  | 14.20 | 11.80  | 1/4          | 3/8           | 15.5 |                      |         |         | 5100    |
| M2FH-A056-IAA-212 | RRT64C1E-IAA-104 | 17.80  | 14.20 | 11.80  | 1/4          | 3/8           | 15.5 |                      |         |         | 5100    |
| M2FH-A056-IAA-272 | RRT64C1E-IAA-104 | 17.80  | 14.50 | 11.80  | 1/4          | 3/8           | 15.5 |                      |         |         | 5100    |
| M2FH-A056-IAV-103 | RRT64C1E-IAV-104 | 17.80  | 14.20 | 11.80  | 1/4          | 3/8           | 9    |                      |         |         | 5100    |
| M2FH-A056-IAV-140 | RRT64C1E-IAV-104 | 17.80  | 14.20 | 11.80  | 1/4          | 3/8           | 9    |                      |         |         | 5100    |
| M2FH-A056-IAV-212 | RRT64C1E-IAV-104 | 17.80  | 14.20 | 11.80  | 1/4          | 3/8           | 9    |                      |         |         | 5100    |
| M2FH-A056-IAV-272 | RRT64C1E-IAV-104 | 17.50  | 14.50 | 11.80  | 1/4          | 3/8           | 9    |                      |         |         | 5100    |
| M2FH-B051-IAA-140 | RRT64C1E-IAA-104 | 16.60  | 14.00 | 11.80  | 1/4          | 3/8           | 14.9 |                      |         |         | 4670    |

| New Model         | New Compressor Model | New Length | New Width | New Height | New Liquid | New Suction | New MCA | New Rated Capacities |         |         |         |
|-------------------|----------------------|------------|-----------|------------|------------|-------------|---------|----------------------|---------|---------|---------|
|                   |                      |            |           |            |            |             |         | LT_134a              | LT_404A | MT_134a | MT_404A |
| M7ZH-H067-CFV-272 | RRT81C1E-PFV-150     | 17.31      | 13.82     | 12.29      | 3/8        | 5/8         | 8.7     |                      |         |         | 6070    |
| M7KH-0075-CFA-179 | RRT81C1E-PFA-150     | 24.00      | 16.27     | 13.08      | 1/4        | 5/8         | 18.3    |                      |         |         | 6720    |
| M7KH-0075-CFA-179 | RRT81C1E-PFA-150     | 24.00      | 16.27     | 13.08      | 1/4        | 5/8         | 18.3    |                      |         |         | 6720    |
| M7KH-0075-CFV-072 | RRT81C1E-PFV-150     | 24.00      | 16.39     | 13.08      | 3/8        | 5/8         | 9.3     |                      |         |         | 6720    |
| M7KH-0075-CFV-179 | RRT81C1E-PFV-150     | 24.00      | 16.27     | 13.08      | 1/4        | 5/8         | 9.3     |                      |         |         | 6720    |
| M7KH-0075-CFV-177 | RRT81C1E-PFV-150     | 24.00      | 16.39     | 13.08      | 3/8        | 1/2         | 9.3     |                      |         |         | 6720    |
| M7JH-0021-IAA-179 | ARE29C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 5.5     |                      |         |         | 2090    |
| M7JH-H029-IAA-179 | ARE35C5E-IAA-103     | 13.96      | 11.56     | 9.67       | 1/4        |             | 9.3     |                      |         |         | 2640    |
| M7JH-H029-IAA-177 | ARE35C5E-IAA-103     | 14.39      | 11.57     | 11.37      | 1/4        | 3/8         | 9.3     |                      |         |         | 2640    |
| M7JH-H029-IAA-179 | ARE35C5E-IAA-103     | 13.96      | 11.56     | 9.67       | 1/4        |             | 9.3     |                      |         |         | 2640    |
| M7JH-H029-IAA-179 | ARE35C5E-IAA-103     | 13.96      | 11.56     | 9.67       | 1/4        |             | 9.3     |                      |         |         | 2640    |
| M7JH-H029-IAA-179 | ARE35C5E-IAA-103     | 13.96      | 11.56     | 9.67       | 1/4        |             | 9.3     |                      |         |         | 2640    |
| M7JH-H029-IAA-177 | ARE35C5E-IAA-103     | 14.39      | 11.57     | 11.37      | 1/4        | 3/8         | 9.3     |                      |         |         | 2640    |
| M7JH-H029-IAA-179 | ARE35C5E-IAA-103     | 13.96      | 11.56     | 9.67       | 1/4        |             | 9.3     |                      |         |         | 2640    |
| M7JH-H029-IAA-179 | ARE35C5E-IAA-103     | 13.96      | 11.56     | 9.67       | 1/4        |             | 9.3     |                      |         |         | 2640    |
| M7JH-H029-IAA-179 | ARE35C5E-IAA-103     | 13.96      | 11.56     | 9.67       | 1/4        |             | 9.3     |                      |         |         | 2640    |
| M7JH-H029-IAA-179 | ARE35C5E-IAA-103     | 13.96      | 11.56     | 9.67       | 1/4        |             | 9.3     |                      |         |         | 2640    |
| M7JH-H029-IAA-179 | ARE35C5E-IAA-103     | 13.96      | 11.56     | 9.67       | 1/4        |             | 9.3     |                      |         |         | 2640    |
| M7JH-H029-IAA-179 | ARE35C5E-IAA-103     | 13.96      | 11.56     | 9.67       | 1/4        |             | 9.3     |                      |         |         | 2640    |
| M7JH-H029-IAA-179 | ARE35C5E-IAA-103     | 13.96      | 11.56     | 9.67       | 1/4        |             | 9.3     |                      |         |         | 2640    |
| M7JH-H029-IAA-179 | ARE35C5E-IAA-103     | 13.96      | 11.56     | 9.67       | 1/4        |             | 9.3     |                      |         |         | 2640    |
| M7JH-H029-IAA-179 | ARE35C5E-IAA-103     | 13.96      | 11.56     | 9.67       | 1/4        |             | 9.3     |                      |         |         | 2640    |
| M7JH-H029-IAA-177 | ARE35C5E-IAA-103     | 14.39      | 11.57     | 11.37      | 1/4        | 3/8         | 9.3     |                      |         |         | 2640    |
| M7JH-H029-IAA-272 | ARE35C5E-IAA-103     | 14.41      | 12.12     | 11.37      | 1/4        | 3/8         | 9.3     |                      |         |         | 2640    |
| M7JH-H029-IAA-272 | ARE35C5E-IAA-103     | 14.41      | 12.12     | 11.37      | 1/4        | 3/8         | 9.3     |                      |         |         | 2640    |
| M7JH-H029-IAA-177 | ARE35C5E-IAA-103     | 14.39      | 11.57     | 11.37      | 1/4        | 3/8         | 9.3     |                      |         |         | 2640    |
| M7JH-H029-IAA-177 | ARE35C5E-IAA-103     | 14.39      | 11.57     | 11.37      | 1/4        | 3/8         | 9.3     |                      |         |         | 2640    |
| M7JH-H038-IAV-177 | ARE48C5E-IAV-103     | 14.39      | 11.45     | 11.37      | 1/4        | 3/8         | 6.8     |                      |         |         | 3450    |
| M7JH-H038-IAV-179 | ARE48C5E-IAV-103     | 13.96      | 11.46     | 9.67       | 1/4        |             | 6.8     |                      |         |         | 3450    |
| M7JH-H038-IAV-179 | ARE48C5E-IAV-103     | 13.96      | 11.46     | 9.67       | 1/4        |             | 6.8     |                      |         |         | 3450    |
| M7JH-H038-IAV-177 | ARE48C5E-IAV-103     | 14.39      | 11.45     | 11.37      | 1/4        | 3/8         | 6.8     |                      |         |         | 3450    |
| M7JH-H038-IAV-179 | ARE48C5E-IAV-103     | 13.96      | 11.46     | 9.67       | 1/4        |             | 6.8     |                      |         |         | 3450    |
| M7JH-H038-IAV-078 | ARE48C5E-IAV-103     | 14.41      | 12.12     | 11.37      | 1/4        | 3/8         | 6.8     |                      |         |         | 3450    |
| M7JH-H038-IAV-177 | ARE48C5E-IAV-103     | 14.39      | 11.45     | 11.37      | 1/4        | 3/8         | 6.8     |                      |         |         | 3450    |
| M7JH-H038-IAV-177 | ARE48C5E-IAV-103     | 14.39      | 11.45     | 11.37      | 1/4        | 3/8         | 6.8     |                      |         |         | 3450    |
| M7ZH-H046-IAA-177 | RRT62C1E-IAA-104     | 17.45      | 13.46     | 11.71      | 3/8        |             | 12.8    |                      |         |         | 4210    |
| M7ZH-H046-IAA-179 | RRT62C1E-IAA-104     | 16.60      | 14.09     | 11.71      | 1/4        |             | 12.8    |                      |         |         | 4210    |
| M7ZH-H046-IAA-177 | RRT62C1E-IAA-104     | 17.45      | 13.46     | 11.71      | 3/8        |             | 12.8    |                      |         |         | 4210    |
| M7ZH-H046-IAA-179 | RRT62C1E-IAA-104     | 16.60      | 14.09     | 11.71      | 1/4        |             | 12.8    |                      |         |         | 4210    |
| M7ZH-H046-IAA-179 | RRT62C1E-IAA-104     | 16.60      | 14.09     | 11.71      | 1/4        |             | 12.8    |                      |         |         | 4210    |
| M7ZH-H046-IAA-177 | RRT62C1E-IAA-104     | 17.45      | 13.46     | 11.71      | 3/8        |             | 12.8    |                      |         |         | 4210    |
| M7ZH-H046-IAA-179 | RRT62C1E-IAA-104     | 16.60      | 14.09     | 11.71      | 1/4        |             | 12.8    |                      |         |         | 4210    |
| M7ZH-H046-IAA-179 | RRT62C1E-IAA-104     | 16.60      | 14.09     | 11.71      | 1/4        |             | 12.8    |                      |         |         | 4210    |
| M7ZH-H046-IAA-272 | RRT62C1E-IAA-104     | 17.45      | 13.57     | 11.71      | 3/8        | 3/8         | 12.8    |                      |         |         | 4210    |
| M7ZH-H046-IAA-272 | RRT62C1E-IAA-104     | 17.45      | 13.57     | 11.71      | 3/8        | 3/8         | 12.8    |                      |         |         | 4210    |
| M7ZH-H046-IAA-272 | RRT62C1E-IAA-104     | 17.45      | 13.57     | 11.71      | 3/8        | 3/8         | 12.8    |                      |         |         | 4210    |
| M7ZH-H046-IAV-177 | RRT62C1E-IAV-104     | 17.45      | 13.46     | 11.71      | 3/8        |             | 6       |                      |         |         | 4210    |
| M7ZH-H046-IAV-179 | RRT62C1E-IAV-104     | 16.60      | 14.09     | 11.71      | 1/4        |             | 6       |                      |         |         | 4210    |
| M7ZH-H046-IAV-179 | RRT62C1E-IAV-104     | 16.60      | 14.09     | 11.71      | 1/4        |             | 6       |                      |         |         | 4210    |
| M7ZH-H046-IAV-177 | RRT62C1E-IAV-104     | 17.45      | 13.46     | 11.71      | 3/8        |             | 6       |                      |         |         | 4210    |
| M7GH-H057-CAA-272 | RRT64C1E-CAA-104     | 18.88      | 14.34     | 11.83      | 3/8        | 5/16        | 15.5    | 2190                 |         |         | 5060    |
| M7GH-H057-CAA-177 | RRT64C1E-CAA-104     | 18.86      | 14.34     | 11.79      | 3/8        |             | 15.5    | 2190                 |         |         | 5060    |
| M7GH-H057-CAA-179 | RRT64C1E-CAA-104     | 18.10      | 14.34     | 11.79      | 1/4        |             | 15.5    | 2190                 |         |         | 5060    |
| M7GH-H057-CAA-179 | RRT64C1E-CAA-104     | 18.10      | 14.34     | 11.79      | 1/4        |             | 15.5    | 2190                 |         |         | 5060    |
| M7GH-H057-CAA-179 | RRT64C1E-CAA-104     | 18.10      | 14.34     | 11.79      | 1/4        |             | 15.5    | 2190                 |         |         | 5060    |
| M7GH-H057-CAA-177 | RRT64C1E-CAA-104     | 18.86      | 14.34     | 11.79      | 3/8        |             | 15.5    | 2190                 |         |         | 5060    |
| M7GH-H057-CAA-272 | RRT64C1E-CAA-104     | 18.88      | 14.34     | 11.83      | 3/8        | 5/16        | 15.5    | 2190                 |         |         | 5060    |
| M7GH-H057-CAA-272 | RRT64C1E-CAA-104     | 18.88      | 14.34     | 11.83      | 3/8        | 5/16        | 15.5    | 2190                 |         |         | 5060    |
| M7ZH-H055-CAV-177 | RRT64C1E-CAV-104     | 17.36      | 13.45     | 11.75      | 3/8        |             | 14.6    |                      |         |         | 4930    |
| M7ZH-H055-CAV-177 | RRT64C1E-CAV-104     | 17.36      | 13.45     | 11.75      | 3/8        |             | 14.6    |                      |         |         | 4930    |
| M7ZH-H055-CAV-177 | RRT64C1E-CAV-104     | 17.36      | 13.45     | 11.75      | 3/8        |             | 14.6    |                      |         |         | 4930    |
| M7ZH-H055-CAV-177 | RRT64C1E-CAV-104     | 17.36      | 13.45     | 11.75      | 3/8        |             | 14.6    |                      |         |         | 4930    |
| M7ZH-H055-CAV-177 | RRT64C1E-CAV-104     | 16.60      | 14.11     | 11.71      | 1/4        |             | 14.6    |                      |         |         | 4930    |

## Copeland to Copeland Cross Reference

| Old Model         | Compressor Model | Length | Width | Height | Liquid Conn. | Suction Conn. | MCA  | Old Rated Capacities |         |         |         |
|-------------------|------------------|--------|-------|--------|--------------|---------------|------|----------------------|---------|---------|---------|
|                   |                  |        |       |        |              |               |      | LT_134A              | LT_404A | MT_134A | MT_404A |
| M2FH-E020-IAA-212 | ARE17C4E-IAA-103 |        |       |        |              |               | 5.9  |                      |         |         |         |
| M2FH-E026-IAA-020 | ARE27C3E-IAA-103 | 13.95  | 11.81 | 9.67   | 1/4          | 3/8           | 6.8  |                      |         |         |         |
| M2FH-E033-IAA-122 | ARE37C3E-IAA-103 | 13.94  | 11.47 | 9.67   | 1/4          | 3/8           | 9.6  |                      |         |         |         |
| M2FH-E033-IAA-212 | ARE37C3E-IAA-103 | 13.95  | 11.81 | 9.67   | 1/4          | 3/8           | 9.6  |                      |         |         |         |
| M2FH-E049-CAA-212 | ARE51C4E-CAA-103 | 16.14  | 13.13 | 11.73  | 1/4          | 3/8           | 13.7 |                      |         |         |         |
| M2FH-E050-IAA-121 | RRT62C1E-IAA-104 | 17.45  | 14.07 | 11.70  | 1/4          | 3/8           | 12.5 |                      |         | 4160    |         |
| M2FH-E050-IAA-122 | RRT62C1E-IAA-104 |        |       |        |              |               | 12.5 |                      |         | 4160    |         |
| M2FH-E056-IAA-140 | RRT64C1E-IAA-104 | 17.76  | 14.46 | 11.82  | 1/4          | 3/8           | 15.2 |                      |         | 5080    |         |
| M2FH-E056-IAA-212 | RRT64C1E-IAA-104 | 17.38  | 14.46 | 11.82  | 1/4          | 3/8           | 15.2 |                      |         | 5080    |         |
| M2FH-E056-IAA-221 | RRT64C1E-IAA-104 |        |       |        |              |               | 15.2 |                      |         | 5080    |         |
| M2FH-E074-CFA-212 | RRT81C1E-PFA-150 | 17.50  | 14.38 | 11.82  | 1/4          | 5/8           | 17.7 |                      |         | 6370    |         |
| M2FH-E074-CFA-221 | RRT81C1E-PFA-150 |        |       |        |              |               | 17.7 |                      |         | 6370    |         |
| M2FH-H017-IAA-102 | ARE13C4E-IAA-103 |        |       |        |              |               | 6    |                      |         | 1170    |         |
| M2FH-H017-IAA-103 | ARE13C4E-IAA-103 | 13.94  | 11.47 | 9.67   | 1/4          | 3/8           | 6    |                      |         | 1170    |         |
| M2FH-H017-IAA-111 | ARE13C4E-IAA-103 |        |       |        |              |               | 6    |                      |         | 1170    |         |
| M2FH-H020-IAA-102 | ARE17C4E-IAA-103 |        |       |        |              |               | 6    |                      |         | 1440    |         |
| M2FH-H020-IAA-111 | ARE17C4E-IAA-103 |        |       |        |              |               | 6    |                      |         | 1440    |         |
| M2FH-H020-IAA-121 | ARE17C4E-IAA-103 | 13.68  | 11.54 | 9.63   | 1/4          | 3/8           | 6    |                      |         | 1440    |         |
| M2FH-H020-IAA-126 | ARE17C4E-IAA-103 | 13.98  | 11.42 | 9.62   | 1/4          | 3/8           | 6    |                      |         | 1440    |         |
| M2FH-H020-IAA-176 | ARE17C4E-IAA-103 | 14.44  | 12.35 | 9.67   | 1/4          | 3/8           | 6    |                      |         | 1440    |         |
| M2FH-H040-IAA-176 | ARE40C4E-IAA-103 | 16.55  | 12.40 | 9.84   | 1/4          | 3/8           | 9.6  |                      |         | 2860    |         |
| M2FH-H040-IAA-272 | ARE40C4E-IAA-103 | 17.00  | 13.40 | 9.70   | 1/4          | 3/8           | 9.6  |                      |         | 2860    |         |
| M2FH-H048-CAA-121 | ARE51C4E-CAA-103 | 16.20  | 12.70 | 11.70  | 1/4          | 3/8           | 14.8 |                      |         | 3780    |         |
| M2FH-H049-CAA-103 | ARE51C4E-CAA-103 | 16.20  | 12.90 | 11.70  | 1/4          | 3/8           | 14   |                      |         | 3690    |         |
| M2FH-H049-CAA-111 | ARE51C4E-CAA-103 |        |       |        | 1/4          | 3/8           | 14   |                      |         | 3690    |         |
| M2FH-H049-CAA-141 | ARE51C4E-CAA-103 | 16.00  | 12.70 | 11.70  | 1/4          | 5/16          | 14   |                      |         | 3690    |         |
| M2FH-H049-CAA-143 | ARE51C4E-CAA-103 | 16.00  | 12.90 | 11.70  | 1/4          | 5/16          | 14   |                      |         | 3690    |         |
| M2FH-H049-CAA-212 | ARE51C4E-CAA-103 | 16.18  | 13.08 | 11.73  | 1/4          | 3/8           | 14   |                      |         | 3690    |         |
| M2FH-H049-CAA-214 | ARE51C4E-CAA-103 | 16.20  | 12.70 | 11.80  | 1/4          | 5/16          | 14   |                      |         | 3690    |         |
| M2FH-H049-CAA-272 | ARE51C4E-CAA-103 | 16.30  | 12.90 | 11.80  | 1/4          | 3/8           | 14   |                      |         | 3690    |         |
| M2FH-H049-IAV-121 | ARE51C4E-IAV-103 | 16.20  | 13.10 | 11.70  | 1/4          | 5/16          | 6.7  |                      |         | 3690    |         |
| M2FH-H049-IAV-141 | ARE51C4E-IAV-103 | 16.20  | 12.70 | 11.70  | 1/4          | 5/16          | 6.7  |                      |         | 3690    |         |
| M2FH-H049-IAV-212 | ARE51C4E-IAV-103 | 16.18  | 13.08 | 11.74  | 1/4          | 3/8           | 6.7  |                      |         | 3690    |         |
| M2FH-H049-IAV-214 | ARE51C4E-IAV-103 | 16.20  | 13.10 | 11.70  | 1/4          | 5/16          | 6.7  |                      |         | 3690    |         |
| M2FH-H052-CAA-212 | ARE51C4E-CAA-103 | 16.20  | 13.10 | 11.70  | 1/4          | 3/8           | 14   |                      |         | 3810    |         |
| M2FL-0024-IAA-140 | AFE07C3E-IAA-103 | 13.80  | 11.30 | 9.70   | 1/4          | 3/8           | 6.2  | 860                  |         |         |         |
| M2FL-0050-CFA-111 | RFT18C1E-PFA-102 | 16.13  | 12.68 | 12.50  | 1/4          | 1/2           | 13   | 2390                 |         |         |         |
| M2FL-0050-CFA-116 | RFT18C1E-PFA-102 | 16.13  | 12.68 | 12.50  | 1/4          | 1/2           | 13   | 2390                 |         |         |         |
| M2FL-0050-CFA-117 | RFT18C1E-PFA-102 | 16.13  | 12.50 | 12.56  | 3/8          | 1/2           | 13   | 2390                 |         |         |         |
| M2FL-0050-CFA-119 | RFT18C1E-PFA-102 | 16.13  | 13.08 | 12.50  | 1/4          | 1/2           | 13   | 2390                 |         |         |         |
| M2FL-0050-CFA-124 | RFT18C1E-PFA-102 | 16.13  | 13.08 | 12.50  | 1/4          | 1/2           | 13   | 2390                 |         |         |         |
| M2FL-0050-CFA-212 | RFT18C1E-PFA-102 | 16.00  | 13.08 | 12.50  | 1/4          | 1/2           | 13   | 2390                 |         |         |         |
| M2FL-A025-IAA-020 | AFE10C3E-IAA-103 | 13.80  | 11.70 | 9.60   | 1/4          | 3/8           | 6.9  | 1070                 |         |         |         |
| M2FL-A025-IAA-072 | AFE10C3E-IAA-103 | 14.49  | 12.91 | 9.64   | 1/4          | 3/8           | 6.9  | 1070                 |         |         |         |
| M2FL-A025-IAA-103 | AFE10C3E-IAA-103 | 13.80  | 11.60 | 9.70   | 1/4          | 3/8           | 6.9  | 1070                 |         |         |         |
| M2FL-A025-IAA-111 | AFE10C3E-IAA-103 | 13.82  | 11.30 | 9.70   | 1/4          | 3/8           | 6.9  | 1070                 |         |         |         |
| M2FL-A025-IAA-122 | AFE10C3E-IAA-103 | 13.60  | 11.30 | 9.70   | 1/4          | 3/8           | 6.9  | 1070                 |         |         |         |
| M2FL-A025-IAA-123 | AFE10C3E-IAA-103 | 13.80  | 11.30 | 9.60   | 1/4          | 3/8           | 6.9  | 1070                 |         |         |         |
| M2FL-B033-IAA-020 | AFE12C3E-IAA-103 | 13.90  | 11.77 | 9.67   | 1/4          | 3/8           | 6.7  | 1240                 |         |         |         |
| M2FL-B033-IAA-103 | AFE12C3E-IAA-103 | 13.82  | 11.66 | 9.70   | 1/4          | 3/8           | 6.7  | 1240                 |         |         |         |
| M2FL-B033-IAA-111 | AFE12C3E-IAA-103 | 13.82  | 11.30 | 9.70   | 1/4          | 3/8           | 6.7  | 1240                 |         |         |         |
| M2FL-B033-IAA-122 | AFE12C3E-IAA-103 | 13.60  | 11.30 | 9.70   | 1/4          | 3/8           | 6.7  | 1240                 |         |         |         |
| M2FL-B033-IAA-123 | AFE12C3E-IAA-103 |        |       |        |              |               | 6.7  | 1240                 |         |         |         |
| M2FL-B033-IAA-140 | AFE12C3E-IAA-103 | 13.80  | 11.30 | 9.70   | 1/4          | 3/8           | 6.7  | 1240                 |         |         |         |
| M2FL-H023-IAA-111 | AFE05C4E-IAA-103 |        |       |        |              |               | 5.4  | 740                  |         |         |         |
| M2FL-H023-IAA-140 | AFE05C4E-IAA-103 |        |       |        |              |               | 5.4  | 740                  |         |         |         |
| M2FL-H023-IAA-141 | AFE05C4E-IAA-103 |        |       |        |              |               | 5.4  | 740                  |         |         |         |
| M2FL-H036-IAA-122 | AFE12C4E-IAA-103 | 16.00  | 12.70 | 11.70  | 3/8          | 3/8           | 9    |                      |         |         |         |
| M2FL-H040-IAA-103 | AFE12C4E-IAA-103 | 16.50  | 12.40 | 9.70   | 1/4          | 3/8           | 9    |                      |         |         |         |
| M2FL-H040-IAA-111 | AFE12C4E-IAA-103 | 16.50  | 12.20 | 9.70   | 1/4          | 3/8           | 9    |                      |         |         |         |
| M2FL-H040-IAA-122 | AFE12C4E-IAA-103 | 16.60  | 12.20 | 9.60   | 1/4          | 3/8           | 9    |                      |         |         |         |
| M2FL-H040-IAA-212 | AFE12C4E-IAA-103 | 16.60  | 12.40 | 9.60   | 1/4          | 3/8           | 9    |                      |         |         |         |



| New Model         | New Compressor Model | New Length | New Width | New Height | New Liquid | New Suction | New MCA | New Rated Capacities |         |         |         |
|-------------------|----------------------|------------|-----------|------------|------------|-------------|---------|----------------------|---------|---------|---------|
|                   |                      |            |           |            |            |             |         | LT_134a              | LT_404A | MT_134a | MT_404A |
| M7JH-0014-IAA-177 | ARE17C4E-IAA-103     | 14.10      | 11.45     | 11.37      | 1/4        | 5/16        | 5.9     |                      |         |         | 1380    |
| M7JH-H020-IAA-078 | ARE25C4E-IAA-103     | 14.13      | 12.12     | 11.37      | 1/4        | 3/8         | 6.8     |                      |         |         | 1970    |
| M7JH-0026-IAA-177 | ARE35C5E-IAA-103     | 14.10      | 11.45     | 11.37      | 1/4        | 5/16        | 9.3     |                      |         |         | 2410    |
| M7JH-0026-IAA-272 | ARE35C5E-IAA-103     | 14.41      | 12.12     | 11.37      | 1/4        | 3/8         | 9.3     |                      |         |         | 2410    |
| M7ZH-H042-IAA-272 | ARE48C5E-IAA-103     | 16.58      | 13.09     | 11.70      | 1/4        | 3/8         | 10.9    |                      |         |         | 3660    |
| M7ZH-H046-IAA-177 | RRT62C1E-IAA-104     | 17.45      | 13.46     | 11.71      | 3/8        |             | 12.8    |                      |         |         | 4210    |
| M7ZH-H046-IAA-177 | RRT62C1E-IAA-104     | 17.45      | 13.46     | 11.71      | 3/8        |             | 12.8    |                      |         |         | 4210    |
| M7ZH-H055-CAA-272 | RRT64C1E-CAA-104     | 17.36      | 13.62     | 11.71      | 3/8        | 5/16        | 14.6    |                      |         |         | 4930    |
| M7ZH-H055-CAA-272 | RRT64C1E-CAA-104     | 17.36      | 13.62     | 11.71      | 3/8        | 5/16        | 14.6    |                      |         |         | 4930    |
| M7ZH-H055-CAA-272 | RRT64C1E-CAA-104     | 17.36      | 13.62     | 11.71      | 3/8        | 5/16        | 14.6    |                      |         |         | 4930    |
| M7GH-H072-CFA-272 | RRT81C1E-PFA-150     | 18.83      | 14.34     | 12.29      | 1/2        | 5/8         | 18      |                      |         |         | 6450    |
| M7GH-H072-CFA-272 | RRT81C1E-PFA-150     | 18.83      | 14.34     | 12.29      | 1/2        | 5/8         | 18      |                      |         |         | 6450    |
| M7JH-0012-IAA-179 | ARE13C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 5.9     |                      |         |         | 1150    |
| M7JH-0012-IAA-177 | ARE13C4E-IAA-103     | 14.10      | 11.45     | 11.37      | 1/4        | 5/16        | 5.9     |                      |         |         | 1150    |
| M7JH-0012-IAA-179 | ARE13C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 5.9     |                      |         |         | 1150    |
| M7JH-0014-IAA-179 | ARE17C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 5.9     |                      |         |         | 1380    |
| M7JH-0014-IAA-179 | ARE17C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 5.9     |                      |         |         | 1380    |
| M7JH-0014-IAA-177 | ARE17C4E-IAA-103     | 14.10      | 11.45     | 11.37      | 1/4        | 5/16        | 5.9     |                      |         |         | 1380    |
| M7JH-0014-IAA-179 | ARE17C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 5.9     |                      |         |         | 1380    |
| M7JH-0014-IAA-177 | ARE17C4E-IAA-103     | 14.10      | 11.45     | 11.37      | 1/4        | 5/16        | 5.9     |                      |         |         | 1380    |
| M7JH-H038-IAA-177 | ARE48C5E-IAA-103     | 14.39      | 11.45     | 11.37      | 1/4        | 3/8         | 10.7    |                      |         |         | 3450    |
| M7JH-H038-IAA-177 | ARE48C5E-IAA-103     | 14.39      | 11.45     | 11.37      | 1/4        | 3/8         | 10.7    |                      |         |         | 3450    |
| M7ZH-0045-IAA-272 | ARE54C5E-IAA-103     | 16.58      | 13.09     | 11.71      | 1/4        | 5/16        | 12.5    |                      |         |         | 4010    |
| M7JH-H042-IAA-177 | ARE54C5E-IAA-103     | 14.39      | 11.45     | 11.37      | 1/4        | 3/8         | 6.8     |                      |         |         | 3830    |
| M7JH-H042-IAA-179 | ARE54C5E-IAA-103     | 13.96      | 11.46     | 9.67       | 1/4        |             | 6.8     |                      |         |         | 3830    |
| M7JH-H042-IAA-179 | ARE54C5E-IAA-103     | 13.96      | 11.46     | 9.67       | 1/4        |             | 6.8     |                      |         |         | 3830    |
| M7JH-H042-IAA-177 | ARE54C5E-IAA-103     | 14.39      | 11.45     | 11.37      | 1/4        | 3/8         | 6.8     |                      |         |         | 3830    |
| M7JH-H042-IAA-177 | ARE54C5E-IAA-103     | 14.39      | 11.45     | 11.37      | 1/4        | 3/8         | 6.8     |                      |         |         | 3830    |
| M7JH-H042-IAA-272 | ARE54C5E-IAA-103     | 14.41      | 12.12     | 11.37      | 1/4        | 3/8         | 12.3    |                      |         |         | 3830    |
| M7JH-H042-IAA-177 | ARE54C5E-IAA-103     | 14.39      | 11.45     | 11.37      | 1/4        | 3/8         | 6.8     |                      |         |         | 3830    |
| M7ZH-0041-IAV-078 | ARE48C5E-IAV-103     | 16.58      | 13.09     | 11.71      | 1/4        | 5/16        | 6.9     |                      |         |         | 3600    |
| M7ZH-0041-IAV-179 | ARE48C5E-IAV-103     | 16.18      | 13.32     | 11.73      | 1/4        | 5/16        | 6.9     |                      |         |         | 3600    |
| M7ZH-0041-IAV-078 | ARE48C5E-IAV-103     | 16.58      | 13.09     | 11.71      | 1/4        | 5/16        | 6.9     |                      |         |         | 3600    |
| M7ZH-0041-IAV-078 | ARE48C5E-IAV-103     | 16.58      | 13.09     | 11.71      | 1/4        | 5/16        | 6.9     |                      |         |         | 3600    |
| M7ZH-0045-IAA-177 | ARE54C5E-IAA-103     | 16.58      | 12.68     | 11.73      | 1/4        | 5/16        | 12.5    |                      |         |         | 4010    |
| M7JP-0020-IAA-177 | AFF07C1E-IAA-100     | 14.37      | 12.11     | 11.38      | 1/4        | 5/16        | 5.9     | 825                  |         |         | 1910    |
| M7ZP-H062-CFA-179 | RFT18C1E-PFA-102     | 16.60      | 14.15     | 11.70      | 1/4        | 3/8         | 13      | 2550                 |         |         | 5350    |
| M7ZP-H062-CFA-179 | RFT18C1E-PFA-102     | 16.60      | 14.15     | 11.70      | 1/4        | 3/8         | 13      | 2550                 |         |         | 5350    |
| M7ZP-H062-CFA-179 | RFT18C1E-PFA-102     | 16.60      | 14.15     | 11.70      | 1/4        | 3/8         | 13      | 2550                 |         |         | 5350    |
| M7ZP-H062-CFA-272 | RFT18C1E-PFA-102     | 17.30      | 13.77     | 12.29      | 3/8        | 1/2         | 13      | 2550                 |         |         | 5350    |
| M7ZP-H062-CFA-179 | RFT18C1E-PFA-102     | 16.60      | 14.15     | 11.70      | 1/4        | 3/8         | 13      | 2550                 |         |         | 5350    |
| M7ZP-H062-CFA-177 | RFT18C1E-PFA-102     | 17.32      | 13.82     | 12.29      | 3/8        |             | 13      | 2550                 |         |         | 5350    |
| M7JP-0029-IAA-078 | AFF10C1E-IAA-100     | 14.48      | 12.11     | 11.37      | 1/4        | 3/8         | 4.9     | 1230                 |         |         | 2750    |
| M7JP-0029-IAA-078 | AFF10C1E-IAA-100     | 14.48      | 12.11     | 11.37      | 1/4        | 3/8         | 4.9     | 1230                 |         |         | 2750    |
| M7JP-0029-IAA-177 | AFF10C1E-IAA-100     | 14.37      | 12.11     | 11.38      | 1/4        | 5/16        | 4.9     | 1230                 |         |         | 2750    |
| M7JP-0029-IAA-179 | AFF10C1E-IAA-100     | 14.08      | 12.12     | 9.66       | 1/4        | 5/16        | 4.9     | 1230                 |         |         | 2750    |
| M7JP-0029-IAA-179 | AFF10C1E-IAA-100     | 14.08      | 12.12     | 9.66       | 1/4        | 5/16        | 4.9     | 1230                 |         |         | 2750    |
| M7JP-0029-IAA-179 | AFF10C1E-IAA-100     | 14.08      | 12.12     | 9.66       | 1/4        | 5/16        | 4.9     | 1230                 |         |         | 2750    |
| M7JP-0029-IAA-078 | AFF10C1E-IAA-100     | 14.48      | 12.11     | 11.37      | 1/4        | 3/8         | 4.9     | 1230                 |         |         | 2750    |
| M7JP-0029-IAA-177 | AFF10C1E-IAA-100     | 14.37      | 12.11     | 11.38      | 1/4        | 5/16        | 4.9     | 1230                 |         |         | 2750    |
| M7JP-0029-IAA-179 | AFF10C1E-IAA-100     | 14.08      | 12.12     | 9.66       | 1/4        | 5/16        | 4.9     | 1230                 |         |         | 2750    |
| M7JP-0029-IAA-179 | AFF10C1E-IAA-100     | 14.08      | 12.12     | 9.66       | 1/4        | 5/16        | 4.9     | 1230                 |         |         | 2750    |
| M7JP-0029-IAA-177 | AFF10C1E-IAA-100     | 14.37      | 12.11     | 11.38      | 1/4        | 5/16        | 4.9     | 1230                 |         |         | 2750    |
| M7JM-0019-IAA-179 | AFE05C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 5.3     | 734                  |         |         | 734     |
| M7JM-0019-IAA-179 | AFE05C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 5.3     | 734                  |         |         | 734     |
| M7JM-0019-IAA-179 | AFE05C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 5.3     | 734                  |         |         | 734     |
| M7ZP-0041-IAA-179 | AFE12C4E-IAA-103     | 16.18      | 13.32     | 11.73      | 1/4        | 5/16        | 9       | 1600                 |         |         | 1600    |
| M7ZP-0041-IAA-177 | AFE12C4E-IAA-103     | 16.58      | 12.68     | 11.73      | 1/4        | 5/16        | 9       | 1600                 |         |         | 1600    |
| M7ZP-0041-IAA-179 | AFE12C4E-IAA-103     | 16.18      | 13.32     | 11.73      | 1/4        | 5/16        | 9       | 1600                 |         |         | 1600    |
| M7ZP-0041-IAA-179 | AFE12C4E-IAA-103     | 16.18      | 13.32     | 11.73      | 1/4        | 5/16        | 9       | 1600                 |         |         | 1600    |
| M7ZP-0041-IAA-177 | AFE12C4E-IAA-103     | 16.58      | 12.68     | 11.73      | 1/4        | 5/16        | 9       | 1600                 |         |         | 1600    |

## Copeland to Copeland Cross Reference

| Old Model         | Compressor Model | Length | Width | Height | Liquid Conn. | Suction Conn. | MCA  | Old Rated Capacities |         |         |         |
|-------------------|------------------|--------|-------|--------|--------------|---------------|------|----------------------|---------|---------|---------|
|                   |                  |        |       |        |              |               |      | LT_134A              | LT_404A | MT_134A | MT_404A |
| M2FM-0050-IAA-123 | RRT64C1E-IAA-109 | 16.00  | 12.70 | 11.74  | 3/8          | 3/8           | 14.6 |                      |         |         | 4350    |
| M2FM-0050-IAA-212 | RRT64C1E-IAA-109 | 16.20  | 13.70 | 11.70  | 1/4          | 1/2           | 14.6 |                      |         |         | 4350    |
| M2FM-0050-IAA-252 | RRT64C1E-IAA-109 | 16.20  | 13.70 | 11.70  | 1/4          | 1/2           | 14.6 |                      |         |         | 4350    |
| M2FM-0050-IAV-212 | RRT64C1E-IAV-109 | 16.16  | 13.68 | 11.70  | 1/4          | 1/2           | 8.6  |                      |         |         | 4350    |
| M2FM-0054-IAA-123 | RRT64C1E-IAA-109 |        |       |        |              |               | 14.6 |                      |         |         | 4530    |
| M2FM-0059-IAA-102 | RRT64C1E-IAA-104 | 17.40  | 14.00 | 11.80  | 1/4          | 3/8           | 15.5 |                      |         |         | 4830    |
| M2FM-0059-IAA-215 | RRT64C1E-IAA-104 | 17.40  | 14.40 | 11.80  | 1/4          | 3/8           | 15.5 |                      |         |         | 4830    |
| M2FM-0074-CFA-115 | RRT10K1E-PFA-150 | 17.50  | 14.03 | 11.87  | 1/4          | 1/2           | 18.7 |                      |         |         | 7050    |
| M2FM-0074-CFA-212 | RRT10K1E-PFA-150 | 24.00  | 17.58 | 12.10  | 3/8          | 5/8           | 18.7 |                      |         |         | 7050    |
| M2FM-0074-CFA-252 | RRT10K1E-PFA-150 | 17.50  | 14.38 | 11.92  | 1/4          | 5/8           | 18.7 |                      |         |         | 7050    |
| M2FM-0075-CFA-020 | RRT10K1E-PFA-150 | 24.00  | 17.49 | 13.07  | 3/8          | 5/8           | 19   |                      |         |         | 7140    |
| M2FM-0075-CFA-121 | RRT10K1E-PFA-150 | 24.00  | 16.67 | 13.07  | 3/8          | 1/2           | 19   |                      |         |         | 7140    |
| M2FM-0075-CFA-221 | RRT10K1E-PFA-150 | 24.00  | 17.49 | 13.07  | 3/8          | 1/2           | 19   |                      |         |         | 7140    |
| M2FM-0075-CFV-020 | RRT10K1E-PFV-150 | 24.00  | 17.49 | 13.07  | 3/8          | 5/8           | 11.2 |                      |         |         | 7140    |
| M2FM-0075-CFV-115 | RRT10K1E-PFV-150 | 24.00  | 16.76 | 13.07  | 3/8          | 5/8           | 11.2 |                      |         |         | 7140    |
| M2FM-0075-CFV-212 | RRT10K1E-PFV-150 | 24.00  | 17.49 | 13.07  | 3/8          | 5/8           | 11.2 |                      |         |         | 7140    |
| M2FM-0076-CFA-221 | RRT10K1E-PFA-150 | 24.00  | 17.60 | 13.10  | 3/8          | 1/2           | 19   |                      |         |         | 7470    |
| M2FM-E076-CFA-221 | RRT10K1E-PFA-150 | 24.00  | 17.60 | 13.10  | 3/8          | 1/2           | 18.2 |                      |         |         | 7470    |
| M2HH-0024-IAA-140 | ARE25C3E-IAA-103 | 16.70  | 6.90  | 10.80  | 1/4          | 3/8           | 6.5  |                      |         |         | 1260    |
| M2HH-0024-SAA-102 | ARE25C3E-SAA-103 | 16.40  | 7.00  | 10.70  | 3/8          | 3/8           | 6.3  |                      |         |         | 1260    |
| M2HH-H016-IAA-140 | ARE13C4E-IAA-103 |        |       |        |              |               | 5.7  |                      |         |         | 1030    |
| M2HH-H017-IAA-102 | ARE13C4E-IAA-103 |        |       |        |              |               | 6    |                      |         |         | 1030    |
| M2HH-H024-IAV-340 | ARE25C4E-IAV-103 |        |       |        |              |               | 3.4  |                      |         |         | 1510    |
| M2NH-H017-IAA-300 | ARE13C4E-IAA-103 | 13.90  | 11.50 | 8.40   | 1/4          | 3/8           | 5.3  |                      |         |         |         |
| M2PH-0026-IAA-020 | ARE27C3E-IAA-103 | 19.90  | 11.10 | 10.60  | 1/4          | 3/8           | 6.9  |                      |         |         | 2080    |
| M2PH-0026-IAA-103 | ARE27C3E-IAA-103 | 19.88  | 11.10 | 10.52  | 1/4          | 3/8           | 6.9  |                      |         |         | 2080    |
| M2PH-0026-IAA-121 | ARE27C3E-IAA-103 | 19.88  | 11.00 | 10.52  | 1/4          | 5/16          | 6.9  |                      |         |         | 2080    |
| M2PH-0026-IAA-122 | ARE27C3E-IAA-103 | 19.88  | 11.72 | 10.52  | 1/4          | 5/16          | 6.9  |                      |         |         | 2080    |
| M2PH-0026-IAA-123 | ARE27C3E-IAA-103 |        |       |        |              |               | 6.9  |                      |         |         | 2080    |
| M2PH-0026-IAA-140 | ARE27C3E-IAA-103 | 19.88  | 11.00 | 10.52  | 1/4          | 3/8           | 6.9  |                      |         |         | 2080    |
| M2PH-0026-IAA-144 | ARE27C3E-IAA-103 | 19.88  | 11.06 | 10.52  | 1/4          | 5/16          | 6.9  |                      |         |         | 2080    |
| M2PH-0040-IAA-208 | ARE41C3E-IAA-103 | 19.88  | 11.01 | 10.52  | 1/4          | 3/8           | 10.2 |                      |         |         | 2870    |
| M2PH-0040-IAA-214 | ARE41C3E-IAA-103 |        |       |        |              |               | 10.2 |                      |         |         | 2870    |
| M2PH-A025-IAA-140 | ARE27C3E-IAA-103 | 19.88  | 11.00 | 10.52  | 1/4          | 5/16          | 7.1  |                      |         |         |         |
| M2PH-A033-IAA-103 | ARE37C3E-IAA-103 | 18.80  | 10.00 | 10.52  | 1/4          | 3/8           | 9.9  |                      |         |         | 2620    |
| M2PH-A033-IAA-111 | ARE37C3E-IAA-103 | 19.88  | 11.00 | 10.52  | 1/4          | 3/8           | 9.9  |                      |         |         | 2620    |
| M2PH-A033-IAA-121 | ARE37C3E-IAA-103 | 19.88  | 11.00 | 10.52  | 1/4          | 5/16          | 9.9  |                      |         |         | 2620    |
| M2PH-A033-IAA-144 | ARE37C3E-IAA-103 | 19.88  | 11.06 | 10.52  | 1/4          | 5/16          | 9.9  |                      |         |         | 2620    |
| M2PH-A033-IAA-160 | ARE37C3E-IAA-103 | 19.90  | 11.00 | 10.50  | 1/4          | 5/16          | 9.9  |                      |         |         | 2620    |
| M2PH-A033-IAA-161 | ARE37C3E-IAA-103 | 19.90  | 11.30 | 10.50  | 1/4          | 5/16          | 9.9  |                      |         |         | 2620    |
| M2PH-A033-IAA-162 | ARE37C3E-IAA-103 | 19.88  | 11.70 | 10.52  | 1/4          | 5/16          | 9.9  |                      |         |         | 2620    |
| M2PH-A033-IAA-176 | ARE37C3E-IAA-103 | 19.88  | 11.00 | 10.52  | 1/4          | 5/16          | 9.9  |                      |         |         | 2620    |
| M2PH-A033-IAA-208 | ARE37C3E-IAA-103 | 19.88  | 11.06 | 10.52  | 1/4          | 3/8           | 9.9  |                      |         |         | 2620    |
| M2PH-A033-IAA-212 | ARE37C3E-IAA-103 | 19.88  | 11.06 | 10.52  | 1/4          | 3/8           | 9.9  |                      |         |         | 2620    |
| M2PH-A033-IAV-103 | ARE37C3E-IAV-103 | 19.88  | 11.10 | 10.52  | 1/4          | 3/8           | 4.9  |                      |         |         | 2620    |
| M2PH-A033-IAV-121 | ARE37C3E-IAV-103 |        |       |        |              |               | 4.9  |                      |         |         | 2620    |
| M2PH-A033-IAV-122 | ARE37C3E-IAV-103 | 19.88  | 11.19 | 10.47  | 1/4          | 5/16          | 4.9  |                      |         |         | 2620    |
| M2PH-A033-IAV-160 | ARE37C3E-IAV-103 |        |       |        |              |               | 4.9  |                      |         |         | 2620    |
| M2PH-A033-IAV-208 | ARE37C3E-IAV-103 | 19.88  | 11.06 | 10.52  | 1/4          | 3/8           | 4.9  |                      |         |         | 2620    |
| M2PH-A033-IAV-212 | ARE37C3E-IAV-103 | 19.88  | 11.06 | 10.52  | 1/4          | 3/8           | 4.9  |                      |         |         | 2620    |
| M2PH-H020-IAA-121 | ARE17C4E-IAA-103 |        |       |        |              |               | 6    |                      |         |         | 1410    |
| M2PH-H024-IAV-321 | ARE25C4E-IAV-103 |        |       |        |              |               | 3.4  |                      |         |         | 1860    |
| M2PH-H047-CAA-144 | ARE51C4E-CAA-103 | 19.90  | 11.90 | 10.40  | 1/4          | 3/8           | 14   |                      |         |         |         |
| M2PH-H047-CAA-208 | ARE51C4E-CAA-103 | 19.90  | 11.10 | 10.40  | 1/4          | 3/8           | 14   |                      |         |         |         |
| M2PH-H047-CAA-212 | ARE51C4E-CAA-103 | 19.90  | 11.10 | 10.40  | 1/4          | 3/8           | 14   |                      |         |         |         |
| M2PH-H047-IAV-212 | ARE51C4E-IAV-103 | 20.00  | 11.20 | 10.50  | 1/4          | 3/8           | 6.7  |                      |         |         |         |
| M2PH-M033-IAA-103 | ARE37C3E-IAA-103 | 20.00  | 11.00 | 10.50  | 1/4          | 3/8           | 9.7  |                      |         |         | 2370    |
| M2PL-A025-IAA-212 | AFE10C3E-IAA-103 | 19.88  | 11.06 | 10.52  | 1/4          | 3/8           | 6.9  | 1070                 |         |         |         |
| M2PL-B033-IAA-020 | AFE12C3E-IAA-103 | 19.88  | 11.06 | 10.52  | 1/4          | 3/8           | 6.7  | 1240                 |         |         |         |
| M2PL-H040-IAA-103 | AFE12C4E-IAA-103 | 19.90  | 11.10 | 10.50  | 1/4          | 1/4           | 9    | 1530                 |         |         |         |
| M2PL-H040-IAA-212 | AFE12C4E-IAA-103 | 19.88  | 11.15 | 10.46  | 1/4          | 3/8           | 9    | 1530                 |         |         |         |
| M2SH-A033-IAA-140 | ARE37C3E-IAA-103 | 13.64  | 10.74 | 9.62   | 3/8          | 3/8           | 9.9  |                      |         |         | 2620    |

| New Model         | New Compressor Model | New Length | New Width | New Height | New Liquid | New Suction | New MCA | New Rated Capacities |         |         |         |
|-------------------|----------------------|------------|-----------|------------|------------|-------------|---------|----------------------|---------|---------|---------|
|                   |                      |            |           |            |            |             |         | LT_134a              | LT_404A | MT_134a | MT_404A |
| M7ZH-H055-CAA-179 | RRT64C1E-CAA-104     | 16.60      | 14.11     | 11.71      | 1/4        |             | 14.6    |                      |         |         | 4930    |
| M7ZH-H055-CAA-272 | RRT64C1E-CAA-104     | 17.36      | 13.62     | 11.71      | 3/8        | 5/16        | 14.6    |                      |         |         | 4930    |
| M7ZH-H055-CAA-272 | RRT64C1E-CAA-104     | 17.36      | 13.62     | 11.71      | 3/8        | 5/16        | 14.6    |                      |         |         | 4930    |
| M7ZH-H055-CAV-272 | RRT64C1E-CAV-104     | 17.36      | 13.62     | 11.71      | 3/8        | 5/16        | 8.6     |                      |         |         | 4930    |
| M7ZH-H055-CAA-272 | RRT64C1E-CAA-104     | 17.36      | 13.62     | 11.71      | 3/8        | 5/16        | 14.6    |                      |         |         | 4930    |
| M7ZH-H055-CAA-179 | RRT64C1E-CAA-104     | 16.60      | 14.11     | 11.71      | 1/4        |             | 14.6    |                      |         |         | 4930    |
| M7ZH-H055-CAA-179 | RRT64C1E-CAA-104     | 16.60      | 14.11     | 11.71      | 1/4        |             | 14.6    |                      |         |         | 4930    |
| M7GH-H083-CFA-272 | RRT10K1E-PFA-150     | 18.83      | 14.34     | 12.29      | 1/2        | 5/8         | 18.7    |                      |         |         | 7280    |
| M7GH-H083-CFA-272 | RRT10K1E-PFA-150     | 18.83      | 14.34     | 12.29      | 1/2        | 5/8         | 18.7    |                      |         |         | 7280    |
| M7GH-H083-CFA-272 | RRT10K1E-PFA-150     | 18.83      | 14.34     | 12.29      | 1/2        | 5/8         | 18.7    |                      |         |         | 7280    |
| M7KH-0086-CFA-072 | RRT10K1E-PFA-150     | 24.00      | 16.39     | 13.08      | 3/8        | 5/8         | 19      |                      |         |         | 7610    |
| M7KH-0086-CFA-179 | RRT10K1E-PFA-150     | 24.00      | 16.27     | 13.08      | 1/4        | 5/8         | 19      |                      |         |         | 7610    |
| M7KH-0086-CFA-272 | RRT10K1E-PFA-150     | 16.39      | 24.00     | 13.08      | 3/8        | 5/8         | 19      |                      |         |         | 7610    |
| M7KH-0086-CFV-072 | RRT10K1E-PFV-150     | 24.00      | 16.39     | 13.08      | 3/8        | 5/8         | 11.2    |                      |         |         | 7610    |
| M7KH-0086-CFV-179 | RRT10K1E-PFV-150     | 24.00      | 16.27     | 13.08      | 1/4        | 5/8         | 11.2    |                      |         |         | 7610    |
| M7KH-0086-CFV-177 | RRT10K1E-PFV-150     | 24.00      | 16.39     | 13.08      | 3/8        | 1/2         | 11.2    |                      |         |         | 7610    |
| M7KH-0086-CFA-272 | RRT10K1E-PFA-150     | 16.39      | 24.00     | 13.08      | 3/8        | 5/8         | 19      |                      |         |         | 7610    |
| M7KH-0086-CFA-272 | RRT10K1E-PFA-150     | 16.39      | 24.00     | 13.08      | 3/8        | 5/8         | 19      |                      |         |         | 7610    |
| M7JH-0014-IAA-179 | ARE17C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 5.9     |                      |         |         | 1380    |
| M7JH-0014-IAA-179 | ARE17C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 5.9     |                      |         |         | 1380    |
| M7JH-0012-IAA-179 | ARE13C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 5.9     |                      |         |         | 1150    |
| M7JH-0012-IAA-179 | ARE13C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 5.9     |                      |         |         | 1150    |
| M7JH-0018-IAV-078 |                      |            |           |            |            |             |         |                      |         |         |         |
| M7JH-0012-IAA-177 | ARE13C4E-IAA-103     | 14.10      | 11.45     | 11.37      | 1/4        | 5/16        | 5.9     |                      |         |         | 1150    |
| M7PH-0020-IAA-078 | ARE25C4E-IAA-103     | 19.90      | 11.16     | 10.65      | 1/4        | 5/16        | 6.8     |                      |         |         | 1970    |
| M7PH-0020-IAA-177 | ARE25C4E-IAA-103     | 19.88      | 11.06     | 10.65      | 1/4        | 5/16        | 6.8     |                      |         |         | 1970    |
| M7PH-0020-IAA-179 | ARE25C4E-IAA-103     | 19.88      | 11.02     | 10.48      | 1/4        | 5/16        | 6.8     |                      |         |         | 1970    |
| M7PH-0020-IAA-179 | ARE25C4E-IAA-103     | 19.88      | 11.02     | 10.48      | 1/4        | 5/16        | 6.8     |                      |         |         | 1970    |
| M7PH-0020-IAA-179 | ARE25C4E-IAA-103     | 19.88      | 11.02     | 10.48      | 1/4        | 5/16        | 6.8     |                      |         |         | 1970    |
| M7PH-0020-IAA-179 | ARE25C4E-IAA-103     | 19.88      | 11.02     | 10.48      | 1/4        | 5/16        | 6.8     |                      |         |         | 1970    |
| M7PH-0020-IAA-179 | ARE25C4E-IAA-103     | 19.88      | 11.02     | 10.48      | 1/4        | 5/16        | 6.8     |                      |         |         | 1970    |
| M7PH-0029-IAA-179 | ARE35C5E-IAA-103     | 19.88      | 11.02     | 10.48      | 1/4        | 5/16        | 9.3     |                      |         |         | 2640    |
| M7PH-0029-IAA-179 | ARE35C5E-IAA-103     | 19.88      | 11.02     | 10.48      | 1/4        | 5/16        | 9.3     |                      |         |         | 2640    |
| M7PH-H021-IAA-078 | ARE25C4E-IAA-103     | 19.90      | 11.21     | 10.65      | 1/4        | 5/16        | 7       |                      |         |         | 1980    |
| M7PH-0029-IAA-078 | ARE35C5E-IAA-103     | 19.86      | 11.16     | 11.16      | 1/4        | 5/16        | 9.3     |                      |         |         | 2640    |
| M7PH-0029-IAA-179 | ARE35C5E-IAA-103     | 19.88      | 11.02     | 10.48      | 1/4        | 5/16        | 9.3     |                      |         |         | 2640    |
| M7PH-0029-IAA-078 | ARE35C5E-IAA-103     | 19.86      | 11.16     | 11.16      | 1/4        | 5/16        | 9.3     |                      |         |         | 2640    |
| M7PH-0029-IAA-179 | ARE35C5E-IAA-103     | 19.88      | 11.02     | 10.48      | 1/4        | 5/16        | 9.3     |                      |         |         | 2640    |
| M7PH-0029-IAA-179 | ARE35C5E-IAA-103     | 19.88      | 11.02     | 10.48      | 1/4        | 5/16        | 9.3     |                      |         |         | 2640    |
| M7PH-0029-IAA-179 | ARE35C5E-IAA-103     | 19.88      | 11.02     | 10.48      | 1/4        | 5/16        | 9.3     |                      |         |         | 2640    |
| M7PH-0029-IAA-177 | ARE35C5E-IAA-103     | 19.88      | 11.06     | 11.16      | 1/4        | 5/16        | 9.3     |                      |         |         | 2640    |
| M7PH-0029-IAA-179 | ARE35C5E-IAA-103     | 19.88      | 11.02     | 10.48      | 1/4        | 5/16        | 9.3     |                      |         |         | 2640    |
| M7PH-0029-IAA-179 | ARE35C5E-IAA-103     | 19.88      | 11.02     | 10.48      | 1/4        | 5/16        | 9.3     |                      |         |         | 2640    |
| M7PH-0029-IAA-078 | ARE35C5E-IAA-103     | 19.86      | 11.16     | 11.16      | 1/4        | 5/16        | 9.3     |                      |         |         | 2640    |
| M7PH-0029-IAB-078 |                      |            |           |            |            |             |         |                      |         |         |         |
| M7PH-0029-IAB-078 |                      |            |           |            |            |             |         |                      |         |         |         |
| M7PH-0029-IAB-078 |                      |            |           |            |            |             |         |                      |         |         |         |
| M7PH-0029-IAB-078 |                      |            |           |            |            |             |         |                      |         |         |         |
| M7PH-0029-IAB-078 |                      |            |           |            |            |             |         |                      |         |         |         |
| M7PH-0029-IAB-078 |                      |            |           |            |            |             |         |                      |         |         |         |
| M7PH-0012-IAA-179 | ARE13C4E-IAA-103     | 19.88      | 11.02     | 10.48      | 1/4        | 5/16        | 5.9     |                      |         |         | 1210    |
| M7PH-0020-IAV-078 |                      |            |           |            |            |             |         |                      |         |         |         |
| M7PH-0042-IAA-179 | ARE54C5E-IAA-103     | 19.88      | 11.02     | 10.48      | 1/4        | 5/16        | 12.3    |                      |         |         | 3830    |
| M7PH-0042-IAA-179 | ARE54C5E-IAA-103     | 19.88      | 11.02     | 10.48      | 1/4        | 5/16        | 12.3    |                      |         |         | 3830    |
| M7PH-0042-IAA-177 | ARE54C5E-IAA-103     | 19.88      | 11.06     | 11.16      | 1/4        | 5/16        | 12.3    |                      |         |         | 3830    |
| M7PH-0042-IAA-177 | ARE54C5E-IAA-103     | 19.88      | 11.06     | 11.16      | 1/4        | 5/16        | 12.3    |                      |         |         | 3830    |
| M7PH-0024-IAA-177 | ARE29C4E-IAA-103     | 19.88      | 11.06     | 10.65      | 1/4        | 5/16        | 4.4     |                      |         |         | 2290    |
| M7PP-0032-IAA-177 | AFF10C1E-IAA-100     | 19.90      | 11.06     | 11.69      | 1/4        | 5/16        | 4.9     | 1330                 |         |         | 3100    |
| M7PP-0032-IAA-078 | AFF10C1E-IAA-100     | 19.90      | 11.16     | 11.69      | 1/4        | 3/8         | 4.9     | 1330                 |         |         | 3100    |
| M7PM-0036-IAA-177 | AFF12C4E-IAA-103     | 19.88      | 11.06     | 11.16      | 1/4        | 5/16        | 8.8     | 1560                 |         |         |         |
| M7PM-H040-IAA-272 | AFF12C4E-IAA-103     | 19.88      | 11.21     | 11.14      | 1/4        | 5/16        | 9       | 1580                 |         |         |         |
| M7JH-0026-IAA-179 | ARE35C5E-IAA-103     | 13.94      | 11.46     | 9.61       | 1/4        | 3/8         | 9.3     |                      |         |         | 2410    |

## Copeland to Copeland Cross Reference

| Old Model         | Compressor Model | Length | Width | Height | Liquid Conn. | Suction Conn. | MCA  | Old Rated Capacities |         |         |         |
|-------------------|------------------|--------|-------|--------|--------------|---------------|------|----------------------|---------|---------|---------|
|                   |                  |        |       |        |              |               |      | LT_134A              | LT_404A | MT_134A | MT_404A |
| M2TH-0024-IAA-108 | ARE25C3E-IAA-103 | 19.00  | 8.50  | 10.50  | 1/4          | 5/16          | 6.7  |                      |         |         | 1730    |
| M2TH-0024-IAA-118 | ARE25C3E-IAA-103 | 19.00  | 9.40  | 10.50  | 1/4          | 5/16          | 6.7  |                      |         |         | 1730    |
| M2TH-0024-IAA-122 | ARE25C3E-IAA-103 |        |       |        |              |               | 6.7  |                      |         |         | 1730    |
| M2TH-0024-IAA-128 | ARE25C3E-IAA-103 | 19.30  | 8.70  | 10.50  | 1/4          | 5/16          | 6.7  |                      |         |         | 1730    |
| M2TH-0024-IAA-160 | ARE25C3E-IAA-103 | 19.00  | 9.35  | 10.53  | 1/4          |               | 6.7  |                      |         |         | 1730    |
| M2TH-0024-IAA-908 | ARE25C3E-IAA-103 | 19.00  | 8.50  | 10.50  | 1/4          | 5/16          | 6.7  |                      |         |         | 1730    |
| M2TH-0024-IAA-918 | ARE25C3E-IAA-103 | 19.00  | 9.40  | 10.50  | 1/4          | 5/16          | 6.7  |                      |         |         | 1730    |
| M2TH-0026-IAA-108 | ARE27C3E-IAA-103 |        |       |        |              |               | 7.1  |                      |         |         | 1970    |
| M2TH-0026-IAA-118 | ARE27C3E-IAA-103 | 19.00  | 9.40  | 10.50  | 1/4          | 5/16          | 15   |                      |         |         | 1970    |
| M2TH-0026-IAA-908 | ARE27C3E-IAA-103 |        |       |        |              |               | 7.1  |                      |         |         | 1970    |
| M2TH-0026-IAA-918 | ARE27C3E-IAA-103 | 19.00  | 9.40  | 10.50  | 1/4          | 5/16          | 7.1  |                      |         |         | 1970    |
| M2TH-0034-IAA-108 | ARE37C3E-IAA-103 |        |       |        |              |               | 9.9  |                      |         |         | 2310    |
| M2TH-0034-IAA-118 | ARE37C3E-IAA-103 | 19.00  | 9.40  | 10.50  | 1/4          | 5/16          | 9.9  |                      |         |         | 2310    |
| M2TH-0034-IAA-128 | ARE37C3E-IAA-103 |        |       |        |              |               | 9.9  |                      |         |         | 2310    |
| M2TH-0034-IAA-908 | ARE37C3E-IAA-103 |        |       |        |              |               | 9.9  |                      |         |         | 2310    |
| M2TH-0034-IAA-918 | ARE37C3E-IAA-103 | 19.00  | 9.40  | 10.50  | 1/4          | 5/16          | 9.9  |                      |         |         | 2310    |
| M2TH-0035-IAA-122 | ARE37C3E-IAA-103 |        |       |        |              |               | 10.1 |                      |         |         |         |
| M2TH-0035-IAA-128 | ARE37C3E-IAA-103 |        |       |        |              |               | 10.1 |                      |         |         |         |
| M2TH-H017-IAA-908 | ARE13C4E-IAA-103 |        |       |        |              |               | 6.1  |                      |         |         | 1160    |
| M2TH-H017-IAA-918 | ARE13C4E-IAA-103 | 19.00  | 9.46  | 10.53  | 1/4          | 5/16          | 6.1  |                      |         |         | 1160    |
| M2TH-H020-IAA-108 | ARE17C4E-IAA-103 |        |       |        |              |               | 6.1  |                      |         |         | 1390    |
| M2TH-H020-IAA-160 | ARE17C4E-IAA-103 | 19.00  | 9.35  | 10.53  | 1/4          | 3/8           | 6.1  |                      |         |         | 1390    |
| M2TH-H020-IAA-908 | ARE17C4E-IAA-103 |        |       |        |              |               | 6.1  |                      |         |         | 1390    |
| M2TH-H020-IAA-918 | ARE17C4E-IAA-103 | 19.00  | 9.46  | 10.53  | 1/4          | 5/16          | 6.1  |                      |         |         | 1390    |
| M2TH-H033-IAA-108 | ARE34C4E-IAA-103 | 19.00  | 8.50  | 10.50  | 1/4          | 5/16          | 6.6  |                      |         |         | 2320    |
| M2TH-H033-IAA-118 | ARE34C4E-IAA-103 | 19.00  | 8.50  | 10.50  | 1/4          | 5/16          | 6.6  |                      |         |         | 2320    |
| M2TH-H033-IAA-121 | ARE34C4E-IAA-103 | 19.00  | 8.50  | 10.50  | 1/4          | 5/16          | 6.6  |                      |         |         | 2320    |
| M2TH-H033-IAA-140 | ARE34C4E-IAA-103 |        |       |        |              |               | 6.6  |                      |         |         | 2320    |
| M2TH-H033-IAA-908 | ARE34C4E-IAA-103 | 19.00  | 8.50  | 10.50  | 1/4          | 5/16          | 6.6  |                      |         |         | 2320    |
| M2TH-H033-IAA-918 | ARE34C4E-IAA-103 | 19.00  | 9.40  | 10.50  | 1/4          | 5/16          | 6.6  |                      |         |         | 2320    |
| M2TH-H033-IAA-919 | ARE34C4E-IAA-103 | 19.00  | 9.40  | 10.50  | 1/4          | 3/16          | 6.6  |                      |         |         | 2320    |
| M2WH-C026-IAA-020 | ARE27C3E-IAA-103 | 17.90  | 12.98 | 8.65   | 1/4          | 3/8           | 6.2  |                      |         |         | 2160    |
| M2WH-C033-IAA-020 | ARE37C3E-IAA-103 | 17.90  | 12.98 | 8.65   | 1/4          | 3/8           | 9    |                      |         |         | 3000    |
| M2WH-C033-IAV-020 | ARE37C3E-IAV-103 | 17.90  | 12.98 | 8.65   | 1/4          | 3/8           | 4.3  |                      |         |         | 3000    |
| M2WH-C040-IAA-020 | ARE41C3E-IAA-103 | 17.90  | 12.98 | 8.65   | 1/4          | 3/8           | 9.3  |                      |         |         | 3390    |
| M2WH-C074-CFA-220 | RRT81C1E-PFA-150 | 19.50  | 12.71 | 11.91  | 1/4          | 5/8           | 16.3 |                      |         |         |         |
| M2WH-C074-CFV-220 | RRT81C1E-PFV-150 | 19.51  | 12.70 | 11.92  | 1/4          | 5/8           | 8.1  |                      |         |         |         |
| M2WH-D050-IAA-020 | RRT62C1E-IAA-104 | 13.80  | 18.60 | 9.30   | 1/4          | 3/8           | 11.9 |                      |         |         | 4610    |
| M2WH-D050-IAA-121 | RRT62C1E-IAA-104 | 13.80  | 18.60 | 9.30   | 1/4          | 3/8           | 11.9 |                      |         |         |         |
| M2WH-D050-IAV-020 | RRT62C1E-IAV-104 | 13.80  | 18.60 | 9.30   | 1/4          | 3/8           | 5.4  |                      |         |         | 4610    |
| M2WH-D056-IAA-020 | RRT64C1E-IAA-104 | 18.50  | 13.80 | 9.80   | 1/4          | 3/8           | 13.8 |                      |         |         | 5510    |
| M2WH-D056-IAV-020 | RRT64C1E-IAV-104 | 12.80  | 17.90 | 9.20   | 1/4          | 3/8           | 8    |                      |         |         | 5510    |
| M2WH-H049-CAA-021 | ARE51C4E-CAA-103 |        |       |        |              |               | 13.1 |                      |         |         |         |
| M2WH-H049-CAA-121 | ARE51C4E-CAA-103 | 12.80  | 17.90 | 9.20   | 1/4          | 3/8           | 13.1 |                      |         |         |         |
| M2WH-H049-CAA-220 | ARE51C4E-CAA-103 | 12.80  | 18.20 | 9.20   | 1/4          | 3/8           | 13.1 |                      |         |         |         |
| M2WH-H049-IAV-020 | ARE51C4E-IAV-103 | 18.20  | 12.90 | 9.30   | 1/4          | 3/8           | 6.1  |                      |         |         | 4150    |
| M2WM-C075-CFA-020 | RRT10K1E-PFA-150 | 24.00  | 17.58 | 12.10  | 3/8          | 5/8           | 17   |                      |         |         | 8490    |
| M2WM-C075-CFA-122 | RRT10K1E-PFA-150 | 24.00  | 17.51 | 12.10  | 3/8          | 5/8           | 17   |                      |         |         |         |
| M2WM-C075-CFV-020 | RRT10K1E-PFV-150 | 24.00  | 16.50 | 12.10  | 3/8          | 5/8           | 10   |                      |         |         | 8490    |
| M3CD-E053-IAA-140 | AFE13C3E-IAA-103 |        |       |        |              |               | 13.6 |                      | 2070    |         | 1520    |
| M3CD-H053-IAA-140 |                  |        |       |        |              |               |      |                      |         |         |         |
| M4AF-A078-CAA-160 | RST55C1E-CAA-102 |        |       |        |              |               | 20.5 |                      |         |         |         |
| M4AF-A078-CAV-160 | RST55C1E-CAV-104 |        |       |        |              |               | 9.7  |                      |         |         |         |
| M4CF-0050-IAA-212 | RST45C1E-IAA-108 | 21.30  | 13.40 | 11.70  | 1/4          | 1/2           | 14   |                      | 2260    |         | 4500    |
| M4CF-0050-IAA-252 | RST45C1E-IAA-108 | 21.40  | 13.40 | 11.70  | 1/4          | 1/2           | 14   |                      | 2260    |         | 4500    |
| M4CF-0073-CAA-240 | RST55C1E-CAA-108 | 17.40  | 21.40 | 11.00  | 1/4          | 3/8           | 22.2 |                      | 2880    |         | 6070    |
| M4CF-0077-CFA-146 | RST64C1E-CFA-102 |        |       |        |              |               | 20   |                      | 3890    |         | 7280    |
| M4CF-E052-CAA-143 | RST40C1E-CAA-104 |        |       |        |              |               | 12.1 |                      | 2200    |         | 4470    |
| M4CH-A036-IAA-260 | ASE24C3E-IAA-103 | 18.00  | 15.74 | 11.73  | 1/4          | 3/8           | 8.4  |                      |         |         | 3370    |
| M4CL-0034-IAA-141 | AFE11C3E-IAA-103 |        |       |        |              |               | 7.9  |                      | 1430    |         |         |
| M4CL-0034-IAA-146 | AFE11C3E-IAA-103 | 17.38  | 12.69 | 11.84  | 3/8          | 3/8           | 7.9  |                      | 1430    |         |         |
| M4CL-0034-IAA-147 | AFE11C3E-IAA-103 | 17.40  | 12.70 | 11.80  | 1/4          | 3/8           | 7.9  |                      | 1430    |         |         |

| New Model         | New Compressor Model | New Length | New Width | New Height | New Liquid | New Suction | New MCA | New Rated Capacities |         |         |         |
|-------------------|----------------------|------------|-----------|------------|------------|-------------|---------|----------------------|---------|---------|---------|
|                   |                      |            |           |            |            |             |         | LT_134a              | LT_404A | MT_134a | MT_404A |
| M7TH-0020-IAA-108 | ARE25C4E-IAA-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 6.8     |                      |         |         | 1940    |
| M7TH-0020-IAA-118 | ARE25C4E-IAA-103     | 19.00      | 9.41      | 10.53      | 1/4        | 5/16        | 6.8     |                      |         |         | 1940    |
| M7TH-0020-IAA-108 | ARE25C4E-IAA-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 6.8     |                      |         |         | 1940    |
| M7TH-0020-IAA-108 | ARE25C4E-IAA-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 6.8     |                      |         |         | 1940    |
| M7TH-0020-IAA-118 | ARE25C4E-IAA-103     | 19.00      | 9.41      | 10.53      | 1/4        | 5/16        | 6.8     |                      |         |         | 1940    |
| M7TH-0020-IAA-108 | ARE25C4E-IAA-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 6.8     |                      |         |         | 1940    |
| M7TH-0020-IAA-118 | ARE25C4E-IAA-103     | 19.00      | 9.41      | 10.53      | 1/4        | 5/16        | 6.8     |                      |         |         | 1940    |
| M7TH-0020-IAA-108 | ARE25C4E-IAA-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 6.8     |                      |         |         | 1940    |
| M7TH-0020-IAA-118 | ARE25C4E-IAA-103     | 19.00      | 9.41      | 10.53      | 1/4        | 5/16        | 6.8     |                      |         |         | 1940    |
| M7TH-0020-IAA-108 | ARE25C4E-IAA-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 6.8     |                      |         |         | 1940    |
| M7TH-0025-IAA-108 | ARE34C4E-IAA-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 6.4     |                      |         |         | 2250    |
| M7TH-0025-IAA-118 | ARE34C4E-IAA-103     | 19.00      | 9.41      | 10.53      | 1/4        | 5/16        | 6.4     |                      |         |         | 2250    |
| M7TH-0025-IAA-108 | ARE34C4E-IAA-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 6.4     |                      |         |         | 2250    |
| M7TH-0025-IAA-108 | ARE34C4E-IAA-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 6.4     |                      |         |         | 2250    |
| M7TH-0025-IAA-118 | ARE34C4E-IAA-103     | 19.00      | 9.41      | 10.53      | 1/4        | 5/16        | 6.4     |                      |         |         | 2250    |
| M7TH-0036-IAA-108 | ARE48C5E-IAA-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 10.7    |                      |         |         | 3370    |
| M7TH-0036-IAA-108 | ARE48C5E-IAA-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 10.7    |                      |         |         | 3370    |
| M7TH-0012-IAA-108 | ARE13C4E-IAA-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 5.9     |                      |         |         | 1200    |
| M7TH-0012-IAA-118 | ARE13C4E-IAA-103     | 19.00      | 9.41      | 10.53      | 1/4        | 5/16        | 5.9     |                      |         |         | 1200    |
| M7TH-0015-IAA-108 | ARE17C4E-IAA-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 5.9     |                      |         |         | 1440    |
| M7TH-0015-IAA-118 | ARE17C4E-IAA-103     | 19.00      | 9.41      | 10.53      | 1/4        | 5/16        | 5.9     |                      |         |         | 1440    |
| M7TH-0015-IAA-108 | ARE17C4E-IAA-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 5.9     |                      |         |         | 1440    |
| M7TH-0015-IAA-118 | ARE17C4E-IAA-103     | 19.00      | 9.41      | 10.53      | 1/4        | 5/16        | 5.9     |                      |         |         | 1440    |
| M7TH-0023-IAA-108 | ARE29C4E-IAA-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 5.5     |                      |         |         | 2250    |
| M7TH-0023-IAA-118 | ARE29C4E-IAA-103     | 19.00      | 9.41      | 10.53      | 1/4        | 5/16        | 5.5     |                      |         |         | 2250    |
| M7TH-0023-IAA-108 | ARE29C4E-IAA-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 5.5     |                      |         |         | 2250    |
| M7TH-0023-IAA-108 | ARE29C4E-IAA-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 5.5     |                      |         |         | 2250    |
| M7TH-0023-IAA-118 | ARE29C4E-IAA-103     | 19.00      | 9.41      | 10.53      | 1/4        | 5/16        | 5.5     |                      |         |         | 2250    |
| M7TH-0023-IAA-118 | ARE29C4E-IAA-103     | 19.00      | 9.41      | 10.53      | 1/4        | 5/16        | 5.5     |                      |         |         | 2250    |
| M7WH-0026-IAA-020 | ARE29C4E-IAA-103     | 18.18      | 13.20     | 9.42       | 1/4        | 3/8         | 4.9     |                      |         |         |         |
| M7WH-0033-IAA-020 | ARE35C5E-IAA-103     | 18.18      | 13.21     | 9.92       | 1/4        | 3/8         | 8.6     |                      |         |         |         |
| M7WH-0033-IAB-020 |                      |            |           |            |            |             |         |                      |         |         |         |
| M7WH-0040-IAA-020 | ARE40C4E-IAA-103     | 18.18      | 13.21     | 9.92       | 1/4        | 3/8         | 8.8     |                      |         |         |         |
| Obsolete          |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete          |                      |            |           |            |            |             |         |                      |         |         |         |
| M7WH-0050-IAA-020 | RRT62C1E-IAA-104     | 18.55      | 13.44     | 9.68       | 3/8        | 1/2         | 11.9    |                      |         |         |         |
| M7WH-0050-IAA-020 | RRT62C1E-IAA-104     | 18.55      | 13.44     | 9.68       | 3/8        | 1/2         | 11.9    |                      |         |         |         |
| M7WH-0050-IAV-020 | RRT62C1E-IAV-104     | 18.55      | 13.44     | 9.68       | 3/8        | 1/2         | 5.4     |                      |         |         |         |
| M7WH-0056-IAA-020 | RRT64C1E-IAA-104     | 18.30      | 12.87     | 9.99       | 3/8        | 1/2         | 13.8    |                      |         |         |         |
| M7WH-0056-IAV-020 | RRT64C1E-IAV-104     | 18.30      | 12.87     | 9.99       | 3/8        | 1/2         | 8       |                      |         |         |         |
| M7WH-0050-IAA-020 | RRT62C1E-IAA-104     | 18.55      | 13.44     | 9.68       | 3/8        | 1/2         | 11.9    |                      |         |         |         |
| M7WH-0050-IAA-020 | RRT62C1E-IAA-104     | 18.55      | 13.44     | 9.68       | 3/8        | 1/2         | 11.9    |                      |         |         |         |
| M7WH-0050-IAA-020 | RRT62C1E-IAA-104     | 18.55      | 13.44     | 9.68       | 3/8        | 1/2         | 11.9    |                      |         |         |         |
| M7WH-0049-IAV-020 | ARE51C4E-IAV-103     | 18.18      | 13.21     | 9.92       | 1/4        | 3/8         | 6.1     |                      |         |         |         |
| M7WM-0075-CFA-020 | RRT10K1E-PFA-150     | 24.24      | 16.10     | 13.20      | 3/8        | 5/8         | 17      |                      |         |         |         |
| M7WM-0075-CFA-020 | RRT10K1E-PFA-150     | 24.24      | 16.10     | 13.20      | 3/8        | 5/8         | 17      |                      |         |         |         |
| M7WM-0075-CFV-020 | RRT10K1E-PFV-150     | 24.24      | 16.10     | 13.20      | 3/8        | 5/8         | 10      |                      |         |         |         |
| Obsolete R22 Unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R22 Unit |                      |            |           |            |            |             |         |                      |         |         |         |
| M6RP-H080-CAA-072 | RST55C1E-CAA-102     | 19.50      | 28.08     | 12.23      | 3/8        | 3/8         | 20.5    |                      | 3450    |         | 7130    |
| M6RP-H080-CAV-072 | RST55C1E-CAV-104     | 19.50      | 28.08     | 12.23      | 3/8        | 1/2         | 9.7     |                      | 3450    |         | 7130    |
| M6ZM-0048-IAA-177 | ASE39C5E-IAA-103     | 16.58      | 12.68     | 11.73      | 1/4        | 5/16        | 13.4    |                      | 2580    |         | 4620    |
| M6ZM-0048-IAA-272 | ASE39C5E-IAA-103     | 16.58      | 13.09     | 11.71      | 1/4        | 5/16        | 13.4    |                      | 2580    |         | 4620    |
| M6GP-H074-CAA-179 | RST55C1E-CAA-102     | 18.10      | 14.34     | 11.79      | 1/4        |             | 20.5    |                      | 3260    |         | 6550    |
| M6GP-H090-CFA-179 | RST64C1E-CFA-102     | 18.10      | 14.34     | 11.79      | 1/4        |             | 20      |                      | 4010    |         | 7580    |
| M6ZP-H059-CAA-179 | RST45C1E-CAA-102     | 16.60      | 14.14     | 11.71      | 1/4        |             | 14      |                      | 2480    |         | 5060    |
| M6ZM-H035-IAA-272 | ASE24C5E-IAA-103     | 16.58      | 13.09     | 11.70      | 1/4        | 3/8         | 8.6     |                      | 1380    |         | 3140    |
| M6ZL-H032-IAA-078 | AFE11C4E-IAA-103     | 16.52      | 13.08     | 11.70      | 1/4        | 3/8         | 6.1     |                      | 1300    |         |         |
| M6ZL-H032-IAA-078 | AFE11C4E-IAA-103     | 16.52      | 13.08     | 11.70      | 1/4        | 3/8         | 6.1     |                      | 1300    |         |         |
| M6ZL-H032-IAA-078 | AFE11C4E-IAA-103     | 16.52      | 13.08     | 11.70      | 1/4        | 3/8         | 6.1     |                      | 1300    |         |         |

## Copeland to Copeland Cross Reference

| Old Model         | Compressor Model | Length | Width | Height | Liquid Conn. | Suction Conn. | MCA  | Old Rated Capacities |         |         |         |
|-------------------|------------------|--------|-------|--------|--------------|---------------|------|----------------------|---------|---------|---------|
|                   |                  |        |       |        |              |               |      | LT_134A              | LT_404A | MT_134A | MT_404A |
| M4CL-0034-IAA-148 | AFE11C3E-IAA-103 |        |       |        |              |               | 7.9  |                      | 1430    |         |         |
| M4CL-0034-IAA-149 | AFE11C3E-IAA-103 |        |       |        |              |               | 7.9  |                      | 1430    |         |         |
| M4CL-0035-IAA-060 | AFE13C3E-IAA-103 | 17.64  | 14.16 | 11.21  | 1/4          | 3/8           | 8.9  |                      | 1960    |         |         |
| M4CL-0035-IAA-121 | AFE13C3E-IAA-103 | 13.82  | 11.51 | 9.67   | 1/4          | 5/16          | 8.9  |                      | 1960    |         |         |
| M4CL-0035-IAA-122 | AFE13C3E-IAA-103 | 13.80  | 11.30 | 9.70   | 1/4          | 3/8           | 8.9  |                      | 1960    |         |         |
| M4CL-0035-IAA-140 | AFE13C3E-IAA-103 | 11.37  | 10.82 | 9.67   | 1/4          | 5/16          | 8.9  |                      | 1960    |         |         |
| M4CL-0035-IAA-144 | AFE13C3E-IAA-103 | 13.82  | 11.80 | 9.62   | 1/4          | 5/16          | 8.9  |                      | 1960    |         |         |
| M4CL-0035-IAA-212 | AFE13C3E-IAA-103 | 13.82  | 11.91 | 9.67   | 1/4          | 5/16          | 8.9  |                      | 1960    |         |         |
| M4CL-0035-IAA-215 | AFE13C3E-IAA-103 | 13.82  | 11.91 | 9.67   | 1/4          | 5/16          | 8.9  |                      | 1960    |         |         |
| M4CL-0035-IAA-222 | AFE13C3E-IAA-103 | 13.86  | 11.69 | 9.67   | 1/4          | 3/8           | 8.9  |                      | 1960    |         |         |
| M4CL-0035-IAA-223 | AFE13C3E-IAA-103 | 13.82  | 11.80 | 9.62   | 1/4          | 3/8           | 8.9  |                      | 1960    |         |         |
| M4CL-0035-IAA-224 | AFE13C3E-IAA-103 |        |       |        |              |               | 8.9  |                      | 1960    |         |         |
| M4CL-0035-IAA-241 | AFE13C3E-IAA-103 | 13.82  | 11.91 | 9.67   | 1/4          | 5/16          | 8.9  |                      | 1960    |         |         |
| M4CL-0035-IAV-122 | AFE13C3E-IAV-103 |        |       |        |              |               | 4.6  |                      | 1960    |         |         |
| M4CL-0036-IAV-121 | AFE13C3E-IAV-103 |        |       |        |              |               | 4.6  |                      |         |         |         |
| M4CL-0039-IAA-153 | AFE13C3E-IAA-103 | 21.30  | 13.70 | 9.60   | 1/4          | 3/8           | 8.5  |                      | 1880    |         |         |
| M4CL-0040-IAA-060 | AFE13C3E-IAA-103 | 17.64  | 13.07 | 11.84  | 1/4          | 3/8           | 8.9  |                      | 2040    |         |         |
| M4CL-0040-IAA-061 | AFE13C3E-IAA-103 |        |       |        |              |               | 8.9  |                      | 2040    |         |         |
| M4CL-0040-IAA-141 | AFE13C3E-IAA-103 |        |       |        |              |               | 8.9  |                      | 2040    |         |         |
| M4CL-0040-IAA-146 | AFE13C3E-IAA-103 | 17.38  | 12.66 | 11.84  | 3/8          | 3/8           | 8.9  |                      | 2040    |         |         |
| M4CL-0040-IAA-147 | AFE13C3E-IAA-103 | 17.40  | 12.70 | 11.80  | 1/4          | 3/8           | 8.9  |                      | 2040    |         |         |
| M4CL-0040-IAV-146 | AFE13C3E-IAV-103 | 17.40  | 12.10 | 11.80  | 3/8          | 3/8           | 4.6  |                      | 2040    |         |         |
| M4CL-0050-IAA-140 | AFE13C3E-IAA-103 | 18.75  | 13.75 | 12.48  | 1/4          | 5/16          | 8.9  |                      | 2040    |         |         |
| M4CL-0050-IAA-146 | AFE13C3E-IAA-103 | 18.75  | 13.75 | 12.48  | 1/4          | 5/16          | 8.9  |                      | 2040    |         |         |
| M4CL-0050-IAV-140 | AFE13C3E-IAV-103 | 20.88  | 13.75 | 12.48  | 1/4          | 5/16          | 4.6  |                      | 2040    |         |         |
| M4CL-0050-IAV-146 | AFE13C3E-IAV-103 | 23.00  | 13.75 | 12.48  | 1/4          | 5/16          | 4.6  |                      | 2040    |         |         |
| M4CL-0062-CAA-140 | RST55C1E-CAA-102 |        |       |        |              |               | 20.4 |                      | 2880    |         |         |
| M4CL-0062-CAA-215 | RST55C1E-CAA-102 | 22.46  | 12.96 | 11.73  |              | 3/8           | 20.4 |                      | 2880    |         |         |
| M4CL-0075-CAB-252 | RST64C1E-CAV-108 | 23.50  | 13.30 | 11.70  | 1/4          | 5/8           | 12.3 |                      | 3790    |         |         |
| M4CL-0075-CAV-212 | RST64C1E-CAV-108 | 23.50  | 13.30 | 11.70  | 1/4          | 5/8           | 12.3 |                      | 3790    |         |         |
| M4CL-0075-CFA-115 | RST64C1E-CFA-102 | 22.30  | 12.70 | 11.70  | 1/4          | 3/8           | 20   |                      | 3790    |         |         |
| M4CL-0075-CFA-212 | RST64C1E-CFA-108 | 23.50  | 13.30 | 11.70  | 1/4          | 5/8           | 20   |                      | 3790    |         |         |
| M4CL-0075-IAV-215 | RST64C1E-IAV-102 | 22.40  | 12.70 | 11.70  | 1/4          | 3/8           | 12.3 |                      | 3790    |         |         |
| M4CL-0090-CFV-140 | RFT42C1E-PFV-102 | 19.50  | 22.50 | 11.17  | 1/4          | 3/8           | 11.2 |                      | 4470    |         |         |
| M4CL-A036-IAA-153 | AFE11C3E-IAA-103 | 21.30  | 13.00 | 9.70   | 1/4          | 3/8           | 7.5  |                      | 1310    |         |         |
| M4CL-A067-CAA-146 | RFT26C1E-CAA-102 | 17.70  | 14.10 | 11.00  | 3/8          | 3/8           | 15.1 |                      | 3030    |         |         |
| M4CL-A067-CAV-143 | RFT26C1E-CAV-104 | 22.60  | 23.30 | 20.00  |              | 3/8           | 9    |                      | 3030    |         |         |
| M4CL-F034-IAA-146 | AFE11C3E-IAA-103 |        |       |        |              |               | 7.9  |                      | 1350    |         |         |
| M4CL-F040-IAA-146 | AFE13C3E-IAA-103 |        |       |        |              |               | 8.9  |                      | 1830    |         |         |
| M4CL-F045-IAA-140 | RFT22C1E-IAA-102 | 19.55  | 17.10 | 12.20  | 1/4          | 3/8           | 11.1 |                      | 2290    |         |         |
| M4CL-F050-IAA-146 | AFE17C4E-IAA-103 |        |       |        |              |               | 10.6 |                      | 2000    |         |         |
| M4CL-H025-IAA-148 | AFE08C4E-IAA-103 | 17.38  | 12.09 | 9.73   | 1/4          | 3/8           | 5.6  |                      | 834     |         |         |
| M4CL-H025-IAA-149 | AFE08C4E-IAA-103 | 17.38  | 12.09 | 9.73   | 1/4          | 3/8           | 5.6  |                      | 834     |         |         |
| M4CL-H036-IAA-121 | AFE13C4E-IAA-103 |        |       |        |              |               | 7.7  |                      | 1250    |         |         |
| M4CL-H050-IAA-122 | AFE17C4E-IAA-103 |        |       |        |              |               | 10.6 |                      | 2160    |         |         |
| M4CL-H050-IAA-123 | AFE17C4E-IAA-103 |        |       |        |              |               | 10.6 |                      | 2160    |         |         |
| M4CL-H050-IAA-141 | AFE17C4E-IAA-103 |        |       |        |              |               | 10.6 |                      | 2160    |         |         |
| M4CL-H050-IAA-146 | AFE17C4E-IAA-103 | 17.38  | 12.09 | 11.84  | 3/8          | 3/8           | 10.6 |                      | 2160    |         |         |
| M4CL-H050-IAA-147 | AFE17C4E-IAA-103 | 17.40  | 12.70 | 11.80  | 1/4          | 3/8           | 10.6 |                      | 2160    |         |         |
| M4CL-H050-IAV-146 | AFE17C4E-IAV-103 |        |       |        |              |               | 5.6  |                      | 2160    |         |         |
| M4CL-H051-IAA-140 | AFE17C4E-IAA-103 |        |       |        |              |               | 10.4 |                      |         |         |         |
| M4CM-H021-IAA-140 | ASE12C4E-IAA-103 |        |       |        |              |               | 5.5  |                      |         |         | 1580    |
| M4CM-H021-IAA-143 | ASE12C4E-IAA-103 |        |       |        |              |               | 5.5  |                      |         |         | 1580    |
| M4EF-0050-IAA-212 | RST45C1E-IAA-108 | 17.00  | 15.50 | 11.80  | 1/4          | 1/2           | 14   |                      | 2220    |         | 4380    |
| M4EF-0050-IAA-252 | RST45C1E-IAA-108 | 17.00  | 15.50 | 11.80  | 1/4          | 1/2           | 14   |                      | 2220    |         | 4380    |
| M4EF-0058-IAA-072 | RST45C1E-IAA-108 | 24.00  | 17.10 | 13.59  | 3/8          | 1/2           | 15.1 |                      | 2470    |         | 5250    |
| M4EF-0058-IAA-272 | RST45C1E-IAA-108 | 24.00  | 17.20 | 13.70  | 3/8          | 1/2           | 15.1 |                      | 2470    |         | 5250    |
| M4EF-0058-IAA-278 | RST45C1E-IAA-108 | 24.00  | 17.20 | 13.70  | 1/2          | 3/8           | 15.1 |                      | 2470    |         | 5250    |
| M4EF-0075-CAA-212 | RST55C1E-CAA-108 | 24.00  | 16.80 | 13.70  | 3/8          | 3/8           | 20.8 |                      | 3080    |         | 6620    |
| M4EF-0075-CAA-252 | RST55C1E-CAA-108 | 24.00  | 16.80 | 13.70  | 3/8          | 5/8           | 20.8 |                      | 3080    |         | 6620    |
| M4EF-0080-CAV-240 | RST64C1E-CAV-102 | 24.00  | 16.80 | 13.70  | 3/8          | 3/8           | 12.4 |                      | 3880    |         | 7640    |
| M4EF-0080-CAV-252 | RST64C1E-CAV-108 | 24.00  | 16.80 | 13.70  | 3/8          | 5/8           | 12.4 |                      | 3880    |         | 7640    |

| New Model         | New Compressor Model | New Length | New Width | New Height | New Liquid | New Suction | New MCA | New Rated Capacities |         |         |         |
|-------------------|----------------------|------------|-----------|------------|------------|-------------|---------|----------------------|---------|---------|---------|
|                   |                      |            |           |            |            |             |         | LT_134a              | LT_404A | MT_134a | MT_404A |
| M6ZL-H032-IAA-078 | AFE11C4E-IAA-103     | 16.52      | 13.08     | 11.70      | 1/4        | 3/8         | 6.1     |                      | 1300    |         |         |
| M6ZL-H032-IAA-078 | AFE11C4E-IAA-103     | 16.52      | 13.08     | 11.70      | 1/4        | 3/8         | 6.1     |                      | 1300    |         |         |
| M6JL-H041-IAA-272 | AFE14C5E-IAA-103     | 14.41      | 12.12     | 11.37      | 1/4        | 3/8         | 8.2     |                      | 1730    |         |         |
| M6JL-H041-IAA-177 | AFE14C5E-IAA-103     | 14.39      | 11.57     | 11.37      | 1/4        | 3/8         | 8.2     |                      | 1730    |         |         |
| M6JL-H041-IAA-179 | AFE14C5E-IAA-103     | 13.96      | 11.56     | 9.67       | 1/4        |             | 8.2     |                      | 1730    |         |         |
| M6JL-H041-IAA-272 | AFE14C5E-IAA-103     | 14.41      | 12.12     | 11.37      | 1/4        | 3/8         | 8.2     |                      | 1730    |         |         |
| M6JL-H041-IAA-179 | AFE14C5E-IAA-103     | 13.96      | 11.56     | 9.67       | 1/4        |             | 8.2     |                      | 1730    |         |         |
| M6JL-H041-IAA-177 | AFE14C5E-IAA-103     | 14.39      | 11.57     | 11.37      | 1/4        | 3/8         | 8.2     |                      | 1730    |         |         |
| M6JL-H041-IAA-272 | AFE14C5E-IAA-103     | 14.41      | 12.12     | 11.37      | 1/4        | 3/8         | 8.2     |                      | 1730    |         |         |
| M6JL-H041-IAA-272 | AFE14C5E-IAA-103     | 14.41      | 12.12     | 11.37      | 1/4        | 3/8         | 8.2     |                      | 1730    |         |         |
| M6JL-H041-IAA-272 | AFE14C5E-IAA-103     | 14.41      | 12.12     | 11.37      | 1/4        | 3/8         | 8.2     |                      | 1730    |         |         |
| M6JL-H041-IAA-272 | AFE14C5E-IAA-103     | 14.41      | 12.12     | 11.37      | 1/4        | 3/8         | 8.2     |                      | 1730    |         |         |
| M6JL-H041-IAA-272 | AFE14C5E-IAA-103     | 14.41      | 12.12     | 11.37      | 1/4        | 3/8         | 8.2     |                      | 1730    |         |         |
| M6JL-H048-IAV-179 | AFE17C4E-IAV-103     | 13.96      | 11.56     | 9.67       | 1/4        |             | 5.6     |                      | 1940    |         |         |
| M6JL-H048-IAV-179 | AFE17C4E-IAV-103     | 13.96      | 11.56     | 9.67       | 1/4        |             | 5.6     |                      | 1940    |         |         |
| M6JL-H048-IAA-177 | AFE17C4E-IAA-103     | 14.39      | 11.57     | 11.37      | 1/4        | 3/8         | 10.4    |                      | 1940    |         |         |
| M6ZL-0042-IAA-272 | AFE14C5E-IAA-103     | 16.58      | 13.09     | 11.71      | 1/4        | 5/16        | 8.4     |                      | 1780    |         |         |
| M6ZL-0042-IAA-272 | AFE14C5E-IAA-103     | 16.58      | 13.09     | 11.71      | 1/4        | 5/16        | 8.4     |                      | 1780    |         |         |
| M6ZL-0042-IAA-179 | AFE14C5E-IAA-103     | 16.18      | 13.32     | 11.73      | 1/4        | 5/16        | 8.4     |                      | 1780    |         |         |
| M6ZL-0042-IAA-179 | AFE14C5E-IAA-103     | 16.18      | 13.32     | 11.73      | 1/4        | 5/16        | 8.4     |                      | 1780    |         |         |
| M6ZL-0042-IAA-179 | AFE14C5E-IAA-103     | 16.18      | 13.32     | 11.73      | 1/4        | 5/16        | 8.4     |                      | 1780    |         |         |
| M6ZL-0042-IAA-179 | AFE14C5E-IAA-103     | 16.18      | 13.32     | 11.73      | 1/4        | 5/16        | 8.4     |                      | 1780    |         |         |
| M6ZL-0042-IAV-179 | AFE14C5E-IAV-103     | 16.18      | 13.32     | 11.73      | 1/4        | 5/16        | 4.4     |                      | 1780    |         |         |
| M6ZL-0042-IAA-179 | AFE14C5E-IAA-103     | 16.18      | 13.32     | 11.73      | 1/4        | 5/16        | 8.4     |                      | 1780    |         |         |
| M6ZL-0042-IAA-179 | AFE14C5E-IAA-103     | 16.18      | 13.32     | 11.73      | 1/4        | 5/16        | 8.4     |                      | 1780    |         |         |
| M6ZL-H044-IAV-078 | AFE14C5E-IAV-103     | 16.58      | 13.09     | 11.70      | 1/4        | 3/8         | 4.4     |                      | 1820    |         |         |
| M6ZL-H044-IAV-078 | AFE14C5E-IAV-103     | 16.58      | 13.09     | 11.70      | 1/4        | 3/8         | 4.4     |                      | 1820    |         |         |
| M6JL-H069-CAA-272 | AFE26C5E-CAA-103     | 14.41      | 12.01     | 11.37      | 1/4        | 5/16        | 12.3    |                      | 2830    |         |         |
| M6JL-H069-CAA-272 | AFE26C5E-CAA-103     | 14.41      | 12.01     | 11.37      | 1/4        | 5/16        | 12.3    |                      | 2830    |         |         |
| M6GP-H090-CAV-272 | RST64C1E-CAV-102     | 18.84      | 14.34     | 12.29      | 3/8        | 1/2         | 12.3    |                      | 4010    |         | 7580    |
| M6GP-H090-CAV-177 | RST64C1E-CAV-102     | 18.82      | 14.34     | 12.29      | 3/8        |             | 12.3    |                      | 4010    |         | 7580    |
| M6GP-H090-CFA-179 | RST64C1E-CFA-102     | 18.10      | 14.34     | 11.79      | 1/4        |             | 20      |                      | 4010    |         | 7580    |
| M6GP-H090-CFA-177 | RST64C1E-CFA-102     | 18.82      | 14.34     | 12.29      | 3/8        |             | 20      |                      | 4010    |         | 7580    |
| M6GP-H074-CAV-177 | RST55C1E-CAV-104     | 18.86      | 14.34     | 11.79      | 3/8        |             | 9.5     |                      | 3260    |         | 6550    |
| M6ZL-0098-CFV-179 | RST80C1E-PFV-150     | 16.46      | 14.14     | 12.18      | 1/4        |             | 12.2    |                      | 4190    |         | 7210    |
| M6PL-H032-IAA-078 | AFE11C4E-IAA-103     | 19.90      | 11.21     | 10.65      | 1/4        | 5/16        | 6.1     |                      | 1260    |         |         |
| M6QL-H074-CAA-272 | AFE26C5E-CAA-103     | 15.66      | 12.01     | 11.37      | 1/4        | 5/16        | 12.3    |                      | 2890    |         |         |
| M6ZL-H078-IAV-272 | RFT26C1E-IAV-104     | 17.45      | 13.57     | 11.71      | 3/8        | 3/8         | 8.6     |                      | 3100    |         |         |
| M6ZL-0031-IAA-179 | AFE11C4E-IAA-103     | 16.18      | 13.32     | 11.73      | 1/4        | 5/16        | 6.1     |                      | 1270    |         |         |
| M6ZL-0042-IAA-179 | AFE14C5E-IAA-103     | 16.18      | 13.32     | 11.73      | 1/4        | 5/16        | 8.4     |                      | 1780    |         |         |
| M6ZL-0063-IAA-179 | RFT22C1E-IAA-102     | 16.60      | 14.18     | 11.73      | 1/4        |             | 10.9    |                      |         |         |         |
| M6ZL-0055-IAA-179 | AFE20C5E-IAA-103     | 16.18      | 13.32     | 11.73      | 1/4        | 5/16        | 8.8     |                      | 2350    |         |         |
| M6JL-0021-IAA-179 | AFE08C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 5.5     |                      | 872     |         |         |
| M6JL-0021-IAA-179 | AFE08C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 5.5     |                      | 872     |         |         |
| Obsolete          |                      |            |           |            |            |             |         |                      |         |         |         |
| M6ZL-0055-IAA-179 | AFE20C5E-IAA-103     | 16.18      | 13.32     | 11.73      | 1/4        | 5/16        | 8.8     |                      | 2350    |         |         |
| M6ZL-0055-IAA-179 | AFE20C5E-IAA-103     | 16.18      | 13.32     | 11.73      | 1/4        | 5/16        | 8.8     |                      | 2350    |         |         |
| M6ZL-0055-IAA-179 | AFE20C5E-IAA-103     | 16.18      | 13.32     | 11.73      | 1/4        | 5/16        | 8.8     |                      | 2350    |         |         |
| M6ZL-0055-IAA-179 | AFE20C5E-IAA-103     | 16.18      | 13.32     | 11.73      | 1/4        | 5/16        | 8.8     |                      | 2350    |         |         |
| M6ZL-0055-IAA-179 | AFE20C5E-IAA-103     | 16.18      | 13.32     | 11.73      | 1/4        | 5/16        | 8.8     |                      | 2350    |         |         |
| M6ZL-0055-IAV-179 | AFE20C5E-IAV-103     | 16.18      | 13.32     | 11.73      | 1/4        | 5/16        | 6       |                      | 2350    |         |         |
| M6GL-H057-IAA-272 | AFE17C4E-IAA-103     | 18.10      | 14.34     | 11.83      | 1/4        | 3/8         | 11.5    |                      | 2130    |         |         |
| M6JM-0017-IAA-179 | ASE12C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 5.4     |                      | 785     |         | 1620    |
| M6JM-0017-IAA-179 | ASE12C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 5.4     |                      | 785     |         | 1620    |
| M6EP-H056-IAA-103 | RST45C1E-IAA-102     | 16.26      | 15.66     | 11.75      | 1/4        | 3/8         | 14      |                      | 2340    |         | 4660    |
| M6EP-H056-IAA-103 | RST45C1E-IAA-102     | 16.26      | 15.66     | 11.75      | 1/4        | 3/8         | 14      |                      | 2340    |         | 4660    |
| M6BP-0064-CAA-272 | RST45C1E-CAA-102     | 24.00      | 16.82     | 13.64      | 3/8        | 3/8         | 15.1    |                      | 2600    |         | 5560    |
| M6BP-0064-CAA-272 | RST45C1E-CAA-102     | 24.00      | 16.82     | 13.64      | 3/8        | 3/8         | 15.1    |                      | 2600    |         | 5560    |
| M6BP-0064-CAA-177 | RST45C1E-CAA-102     | 24.00      | 16.69     | 13.64      | 3/8        | 3/8         | 15.1    |                      | 2600    |         | 5560    |
| M6BP-0075-CAA-177 | RST55C1E-CAA-102     | 24.00      | 16.69     | 13.64      | 3/8        | 3/8         | 20.8    |                      | 3290    |         | 6660    |
| M6BP-0075-CAA-177 | RST55C1E-CAA-102     | 24.00      | 16.69     | 13.64      | 3/8        | 3/8         | 20.8    |                      | 3290    |         | 6660    |
| M6BP-0092-CAV-272 | RST64C1E-CAV-102     | 24.00      | 16.85     | 13.64      | 3/8        | 3/8         | 12.4    |                      | 4050    |         | 7750    |
| M6BP-0092-CAV-177 | RST64C1E-CAV-102     | 24.00      | 16.72     | 13.64      | 3/8        | 3/8         | 12.4    |                      | 4050    |         | 7750    |

## Copeland to Copeland Cross Reference

| Old Model         | Compressor Model | Length | Width | Height | Liquid Conn. | Suction Conn. | MCA  | Old Rated Capacities |         |         |         |
|-------------------|------------------|--------|-------|--------|--------------|---------------|------|----------------------|---------|---------|---------|
|                   |                  |        |       |        |              |               |      | LT_134A              | LT_404A | MT_134A | MT_404A |
| M4EF-0080-CFA-121 | RST64C1E-CFA-102 | 24.00  | 16.70 | 13.70  | 3/8          | 1/2           | 20.3 |                      | 3880    |         | 7640    |
| M4EF-0080-CFA-141 | RST64C1E-CFA-102 | 24.10  | 16.80 | 13.70  | 1/4          | 3/8           | 20.3 |                      | 3880    |         | 7640    |
| M4EF-0080-CFA-152 | RST64C1E-CFA-102 | 24.00  | 16.70 | 13.70  | 3/8          | 1/2           | 20.3 |                      | 3880    |         | 7640    |
| M4EF-0080-CFA-212 | RST64C1E-CFA-108 | 24.00  | 17.10 | 13.80  | 3/8          | 5/8           | 20.3 |                      | 3880    |         | 7640    |
| M4EF-0080-IAV-140 | RST64C1E-IAV-102 | 24.00  | 16.80 | 13.70  | 1/4          | 3/8           | 12.4 |                      | 3880    |         | 7640    |
| M4EH-0025-IAA-212 | ASE19C3E-IAA-103 | 10.52  | 16.00 | 14.25  | 1/4          | 3/8           | 10.7 |                      |         |         | 2430    |
| M4EH-0049-CAA-020 | ASE32C3E-CAA-103 | 16.00  | 15.12 | 11.75  | 1/4          | 3/8           | 12.3 |                      |         |         | 3970    |
| M4EH-0049-CAA-103 | ASE32C3E-CAA-103 | 16.00  | 15.20 | 11.75  | 1/4          | 3/8           | 12.3 |                      |         |         | 3970    |
| M4EH-0049-CAA-144 | ASE32C3E-CAA-103 | 16.01  | 15.20 | 11.75  | 1/4          | 5/16          | 12.3 |                      |         |         | 3970    |
| M4EH-0049-CAA-208 | ASE32C3E-CAA-103 | 16.17  | 15.29 | 11.78  | 1/4          | 3/8           | 12.3 |                      |         |         | 3970    |
| M4EH-0049-CAA-212 | ASE32C3E-CAA-103 | 16.17  | 15.29 | 11.78  | 1/4          | 3/8           | 12.3 |                      |         |         | 3970    |
| M4EH-0049-CAA-244 | ASE32C3E-CAA-103 | 16.04  | 15.29 | 11.82  | 1/4          | 5/16          | 12.3 |                      |         |         | 3970    |
| M4EH-0049-CAV-212 | ASE32C3E-CAV-103 | 16.17  | 15.29 | 11.78  | 1/4          | 3/8           | 6.7  |                      |         |         | 3970    |
| M4EH-A035-IAA-103 | ASE24C3E-IAA-103 | 16.00  | 15.20 | 11.78  | 1/4          | 3/8           | 8.4  |                      |         |         | 3100    |
| M4EH-A035-IAA-111 | ASE24C3E-IAA-103 | 16.00  | 15.20 | 11.78  | 1/4          | 3/8           | 8.4  |                      |         |         | 3100    |
| M4EH-A035-IAA-208 | ASE24C3E-IAA-103 | 16.00  | 15.20 | 11.78  | 1/4          | 3/8           | 8.4  |                      |         |         | 3100    |
| M4EH-A035-IAA-212 | ASE24C3E-IAA-103 | 16.17  | 15.29 | 11.78  | 1/4          | 3/8           | 8.4  |                      |         |         | 3100    |
| M4EH-A035-IAV-212 | ASE24C3E-IAV-103 | 16.17  | 15.29 | 11.78  | 1/4          | 3/8           | 5.9  |                      |         |         | 3100    |
| M4EL-0033-IAA-103 | AFE11C3E-IAA-103 | 14.25  | 16.00 | 10.52  | 1/4          | 3/8           | 7.7  |                      | 1390    |         |         |
| M4EL-0033-IAA-212 | AFE11C3E-IAA-103 | 14.25  | 16.00 | 10.52  | 1/4          | 3/8           | 7.7  |                      | 1390    |         |         |
| M4EL-0039-IAA-111 | AFE13C3E-IAA-103 | 16.00  | 15.20 | 11.78  | 1/4          | 3/8           | 8.9  |                      |         | 1980    |         |
| M4EL-0039-IAA-212 | AFE13C3E-IAA-103 | 16.00  | 15.29 | 11.78  | 1/4          | 3/8           | 8.9  |                      |         | 1980    |         |
| M4EL-0063-CAA-121 | RFT26C1E-CAA-102 |        |       |        |              |               | 14.3 |                      |         | 2740    |         |
| M4EL-A055-IAA-140 | RFT22C1E-IAA-102 | 16.00  | 15.50 | 11.80  | 1/4          | 3/8           | 10.9 |                      |         | 2320    |         |
| M4EL-A055-IAA-141 | RFT22C1E-IAA-102 | 16.00  | 15.50 | 11.80  | 1/4          | 3/8           | 10.9 |                      |         | 2320    |         |
| M4EL-H050-IAA-103 | AFE17C4E-IAA-103 | 16.00  | 15.00 | 11.77  | 1/4          | 3/8           | 10.6 |                      |         | 2130    |         |
| M4EL-H050-IAA-212 | AFE17C4E-IAA-103 | 16.03  | 15.12 | 11.77  | 1/4          | 3/8           | 10.6 |                      |         | 2130    |         |
| M4FF-0050-CAA-141 | RST45C1E-CAA-102 |        |       |        |              |               | 14   |                      |         | 2350    | 4660    |
| M4FF-0050-IAA-141 | RST45C1E-IAA-102 | 16.13  | 13.41 | 11.73  | 1/4          | 3/8           | 14   |                      |         | 2350    | 4660    |
| M4FF-0050-IAA-160 | RST45C1E-IAA-102 | 16.13  | 13.52 | 11.74  | 1/4          | 3/8           | 14   |                      |         | 2350    | 4660    |
| M4FF-0050-IAA-208 | RST45C1E-IAA-108 | 16.20  | 13.10 | 11.70  | 1/4          | 1/2           | 14   |                      |         | 2350    | 4660    |
| M4FF-0050-IAA-210 | RST45C1E-IAA-108 | 16.20  | 13.10 | 11.70  | 1/4          | 1/2           | 14   |                      |         | 2350    | 4660    |
| M4FF-0050-IAA-212 | RST45C1E-IAA-108 | 16.10  | 13.70 | 11.70  | 1/4          | 1/2           | 14   |                      |         | 2350    | 4660    |
| M4FF-0050-IAA-221 | RST45C1E-IAA-108 | 16.10  | 13.70 | 11.70  | 1/4          | 1/2           | 14   |                      |         | 2350    | 4660    |
| M4FF-0050-IAA-252 | RST45C1E-IAA-108 | 16.00  | 13.70 | 11.70  | 1/4          | 1/2           | 14   |                      |         | 2350    | 4660    |
| M4FF-0050-IAB-252 | RST45C1E-IAV-109 | 16.10  | 13.70 | 11.70  | 1/4          | 1/2           | 7    |                      |         | 2350    | 4660    |
| M4FF-0050-IAV-141 | RST45C1E-IAV-104 |        |       |        |              |               | 7.2  |                      |         | 2350    | 4660    |
| M4FF-0050-IAV-212 | RST45C1E-IAV-109 | 16.10  | 13.70 | 11.70  | 1/4          | 1/2           | 7.2  |                      |         | 2350    | 4660    |
| M4FF-0056-CAA-172 | RST45C1E-CAA-102 |        |       |        |              |               | 14.8 |                      |         | 2460    | 5180    |
| M4FF-0056-CAA-212 | RST45C1E-CAA-108 | 17.40  | 14.40 | 11.80  | 1/4          | 5/8           | 14.8 |                      |         | 2460    | 5180    |
| M4FF-0056-CAA-222 | RST45C1E-CAA-108 | 17.50  | 14.40 | 11.80  | 1/4          | 1/2           | 14.8 |                      |         | 2460    | 5180    |
| M4FF-0056-IAA-020 | RST45C1E-IAA-108 | 17.50  | 15.50 | 11.82  | 1/4          | 5/8           | 14.8 |                      |         | 2460    | 5180    |
| M4FF-0056-IAA-040 | RST45C1E-IAA-108 | 17.50  | 14.38 | 11.82  | 3/8          | 1/2           | 14.8 |                      |         | 2460    | 5180    |
| M4FF-0056-IAA-041 | RST45C1E-IAA-108 | 17.40  | 14.40 | 11.80  | 1/4          | 5/8           | 14.8 |                      |         | 2460    | 5180    |
| M4FF-0056-IAA-060 | RST45C1E-IAA-108 | 22.20  | 14.40 | 14.90  | 1/4          | 3/8           | 14.8 |                      |         | 2460    | 5180    |
| M4FF-0056-IAA-062 | RST45C1E-IAA-108 | 17.40  | 14.40 | 11.80  | 1/4          | 1/2           | 14.8 |                      |         | 2460    | 5180    |
| M4FF-0056-IAA-065 | RST45C1E-IAA-102 | 17.40  | 16.90 | 11.80  | 1/4          | 1/2           | 14.8 |                      |         | 2460    | 5180    |
| M4FF-0056-IAA-076 | RST45C1E-IAA-108 | 18.40  | 15.10 | 11.98  | 1/4          | 1/2           | 14.8 |                      |         | 2460    | 5180    |
| M4FF-0056-IAA-077 | RST45C1E-IAA-108 | 18.50  | 15.20 | 11.98  | 1/4          | 1/2           | 14.8 |                      |         | 2460    | 5180    |
| M4FF-0056-IAA-103 | RST45C1E-IAA-108 | 17.40  | 14.00 | 11.80  | 1/4          | 5/8           | 14.8 |                      |         | 2460    | 5180    |
| M4FF-0056-IAA-115 | RST45C1E-IAA-108 | 17.40  | 14.10 | 11.80  | 1/4          | 1/2           | 14.8 |                      |         | 2460    | 5180    |
| M4FF-0056-IAA-116 | RST45C1E-IAA-108 | 17.40  | 14.10 | 11.80  | 1/4          | 1/2           | 14.8 |                      |         | 2460    | 5180    |
| M4FF-0056-IAA-119 | RST45C1E-IAA-108 | 17.40  | 14.00 | 11.80  | 1/4          | 1/2           | 14.8 |                      |         | 2460    | 5180    |
| M4FF-0056-IAA-120 | RST45C1E-IAA-108 | 17.40  | 14.00 | 11.80  | 1/4          | 5/8           | 14.8 |                      |         | 2460    | 5180    |
| M4FF-0056-IAA-122 | RST45C1E-IAA-108 | 17.40  | 14.00 | 11.80  | 1/4          | 1/2           | 14.5 |                      |         | 2460    | 5180    |
| M4FF-0056-IAA-153 | RST45C1E-IAA-108 | 23.80  | 14.00 | 11.80  | 1/4          | 5/8           | 14.8 |                      |         | 2460    | 5180    |
| M4FF-0056-IAA-160 | RST45C1E-IAA-102 | 17.50  | 14.00 | 11.80  | 1/4          | 3/8           | 14.8 |                      |         | 2460    | 5180    |
| M4FF-0056-IAA-176 | RST45C1E-IAA-108 | 17.38  | 14.38 | 12.87  | 1/4          | 3/8           | 14.8 |                      |         | 2460    | 5180    |
| M4FF-0056-IAA-212 | RST45C1E-IAA-108 | 17.40  | 14.40 | 11.80  | 1/4          | 5/8           | 14.8 |                      |         | 2460    | 5180    |
| M4FF-0056-IAA-214 | RST45C1E-IAA-102 | 17.40  | 14.40 | 11.80  | 1/4          | 3/8           | 14.8 |                      |         | 2460    | 5180    |
| M4FF-0056-IAA-215 | RST45C1E-IAA-102 | 17.40  | 14.40 | 11.80  | 1/4          | 1 1/2         | 14.8 |                      |         | 2460    | 5180    |
| M4FF-0056-IAA-221 | RST45C1E-IAA-108 | 17.50  | 14.40 | 11.80  | 3/8          | 1/2           | 14.8 |                      |         | 2460    | 5180    |



| New Model         | New Compressor Model | New Length | New Width | New Height | New Liquid | New Suction | New MCA | New Rated Capacities |         |         |         |
|-------------------|----------------------|------------|-----------|------------|------------|-------------|---------|----------------------|---------|---------|---------|
|                   |                      |            |           |            |            |             |         | LT_134a              | LT_404A | MT_134a | MT_404A |
| M6BP-0092-CFA-177 | RST64C1E-CFA-102     | 24.00      | 16.29     | 13.64      | 3/8        | 3/8         | 20.3    |                      | 4050    |         | 7750    |
| M6BP-0092-CFA-177 | RST64C1E-CFA-102     | 24.00      | 16.29     | 13.64      | 3/8        | 3/8         | 20.3    |                      | 4050    |         | 7750    |
| M6BP-0092-CFA-177 | RST64C1E-CFA-102     | 24.00      | 16.29     | 13.64      | 3/8        | 3/8         | 20.3    |                      | 4050    |         | 7750    |
| M6BP-0092-CFA-177 | RST64C1E-CFA-102     | 24.00      | 16.29     | 13.64      | 3/8        | 3/8         | 20.3    |                      | 4050    |         | 7750    |
| M6BP-0092-CAV-177 | RST64C1E-CAV-102     | 24.00      | 16.72     | 13.64      | 3/8        | 3/8         | 12.4    |                      | 4050    |         | 7750    |
| M6EM-H026-IAA-103 | ASE14C4E-IAA-103     | 16.06      | 15.12     | 11.75      | 1/4        | 5/16        | 6.7     |                      | 1080    |         | 2260    |
| M6EM-H040-IAA-103 | ASE28C5E-IAA-103     | 16.06      | 15.12     | 11.75      | 1/4        | 5/16        | 9.9     |                      | 1960    |         | 3580    |
| M6EM-H040-IAA-103 | ASE28C5E-IAA-103     | 16.06      | 15.12     | 11.75      | 1/4        | 5/16        | 9.9     |                      | 1960    |         | 3580    |
| M6EM-H040-IAA-103 | ASE28C5E-IAA-103     | 16.06      | 15.12     | 11.75      | 1/4        | 5/16        | 9.9     |                      | 1960    |         | 3580    |
| M6EM-H040-IAA-111 | ASE28C5E-IAA-103     | 16.06      | 15.12     | 11.75      | 1/4        | 5/16        | 9.9     |                      | 1960    |         | 3580    |
| M6EM-H040-IAA-103 | ASE28C5E-IAA-103     | 16.06      | 15.12     | 11.75      | 1/4        | 5/16        | 9.9     |                      | 1960    |         | 3580    |
| M6EM-H040-IAA-103 | ASE28C5E-IAA-103     | 16.06      | 15.12     | 11.75      | 1/4        | 5/16        | 9.9     |                      | 1960    |         | 3580    |
| Obsolete          |                      |            |           |            |            |             |         |                      |         |         |         |
| M6EM-H034-IAA-103 | ASE24C5E-IAA-103     | 16.06      | 15.12     | 11.75      | 1/4        | 5/16        | 8.6     |                      | 1340    |         | 3030    |
| M6EM-H034-IAA-111 | ASE24C5E-IAA-103     | 16.06      | 15.12     | 11.75      | 1/4        | 5/16        | 8.6     |                      | 1340    |         | 3030    |
| M6EM-H034-IAA-111 | ASE24C5E-IAA-103     | 16.06      | 15.12     | 11.75      | 1/4        | 5/16        | 8.6     |                      | 1340    |         | 3030    |
| M6EM-H034-IAA-103 | ASE24C5E-IAA-103     | 16.06      | 15.12     | 11.75      | 1/4        | 5/16        | 8.6     |                      | 1340    |         | 3030    |
| M6EM-H034-IAA-103 | ASE24C5E-IAA-103     | 16.06      | 15.12     | 11.75      | 1/4        | 5/16        | 8.6     |                      | 1340    |         | 3030    |
| M6EL-0038-IAA-103 | AFE13C4E-IAA-103     | 16.00      | 14.25     | 10.52      | 1/4        | 5/16        | 7.7     |                      | 1610    |         | 1610    |
| M6EL-0038-IAA-103 | AFE13C4E-IAA-103     | 16.00      | 14.25     | 10.52      | 1/4        | 5/16        | 7.7     |                      | 1610    |         | 1610    |
| M6EL-0048-CAA-111 | AFE17C4E-CAA-103     | 16.00      | 14.25     | 10.52      |            | 5/16        | 10.4    |                      | 2070    |         |         |
| M6EL-0048-CAA-212 | AFE17C4E-CAA-103     | 16.00      | 14.25     | 10.47      | 1/4        | 5/16        | 10.4    |                      | 2070    |         |         |
| M6EL-0060-CAA-103 | AFE23C5E-CAA-103     | 16.00      | 14.25     | 10.47      | 1/4        | 5/16        | 10      |                      | 2850    |         |         |
| M6EL-H056-IAA-103 | AFE20C5E-IAA-103     | 16.06      | 15.12     | 11.75      | 1/4        | 5/16        | 8.8     |                      | 2330    |         |         |
| M6EL-H056-IAA-103 | AFE20C5E-IAA-103     | 16.06      | 15.12     | 11.75      | 1/4        | 5/16        | 8.8     |                      | 2330    |         |         |
| M6EL-0052-IAA-103 | AFE20C5E-IAA-103     | 16.00      | 14.25     | 10.52      | 1/4        | 5/16        | 8.5     |                      | 2240    |         |         |
| M6EL-0052-IAA-103 | AFE20C5E-IAA-103     | 16.00      | 14.25     | 10.52      | 1/4        | 5/16        | 8.5     |                      | 2240    |         |         |
| M6ZP-0053-IAA-179 | RST45C1E-IAA-102     | 16.60      | 14.18     | 11.73      | 1/4        |             | 14      |                      | 2460    |         | 4980    |
| M6ZP-0053-IAA-179 | RST45C1E-IAA-102     | 16.60      | 14.18     | 11.73      | 1/4        |             | 14      |                      | 2460    |         | 4980    |
| M6ZP-0053-IAA-177 | RST45C1E-IAA-102     | 17.36      | 13.52     | 11.75      | 3/8        |             | 14      |                      | 2460    |         | 4980    |
| M6ZP-0053-IAA-179 | RST45C1E-IAA-102     | 16.60      | 14.18     | 11.73      | 1/4        |             | 14      |                      | 2460    |         | 4980    |
| M6ZP-0053-IAA-179 | RST45C1E-IAA-102     | 16.60      | 14.18     | 11.73      | 1/4        |             | 14      |                      | 2460    |         | 4980    |
| M6ZP-0053-IAA-177 | RST45C1E-IAA-102     | 17.36      | 13.52     | 11.75      | 3/8        |             | 14      |                      | 2460    |         | 4980    |
| M6ZP-0053-IAA-272 | RST45C1E-IAA-102     | 17.36      | 13.67     | 11.71      | 3/8        | 3/8         | 14      |                      | 2460    |         | 4980    |
| M6ZP-0053-IAA-272 | RST45C1E-IAA-102     | 17.36      | 13.67     | 11.71      | 3/8        | 3/8         | 14      |                      | 2460    |         | 4980    |
| M6ZP-0053-IAV-078 | RST45C1E-IAV-104     | 17.36      | 13.68     | 11.71      | 3/8        | 3/8         | 7.2     |                      | 2460    |         | 4980    |
| M6ZP-0053-IAV-078 | RST45C1E-IAV-104     | 17.36      | 13.68     | 11.71      | 3/8        | 3/8         | 7.2     |                      | 2460    |         | 4980    |
| M6ZP-0053-IAV-177 | RST45C1E-IAV-104     | 17.36      | 13.55     | 11.75      | 3/8        |             | 7.2     |                      | 2460    |         | 4980    |
| M6GP-H064-CAA-177 | RST45C1E-CAA-102     | 18.86      | 14.34     | 11.79      | 3/8        |             | 14.8    |                      | 2580    |         | 5490    |
| M6GP-H064-CAA-272 | RST45C1E-CAA-102     | 18.88      | 14.34     | 11.83      | 3/8        | 1/2         | 14.8    |                      | 2580    |         | 5490    |
| M6GP-H064-CAA-272 | RST45C1E-CAA-102     | 18.88      | 14.34     | 11.83      | 3/8        | 1/2         | 14.8    |                      | 2580    |         | 5490    |
| M6GP-H064-CAA-272 | RST45C1E-CAA-102     | 18.88      | 14.34     | 11.83      | 3/8        | 1/2         | 14.8    |                      | 2580    |         | 5490    |
| M6GP-H064-CAA-272 | RST45C1E-CAA-102     | 18.88      | 14.34     | 11.83      | 3/8        | 1/2         | 14.8    |                      | 2580    |         | 5490    |
| M6GP-H064-CAA-272 | RST45C1E-CAA-102     | 18.88      | 14.34     | 11.83      | 3/8        | 1/2         | 14.8    |                      | 2580    |         | 5490    |
| M6GP-H064-CAA-272 | RST45C1E-CAA-102     | 18.88      | 14.34     | 11.83      | 3/8        | 1/2         | 14.8    |                      | 2580    |         | 5490    |
| M6GP-H064-CAA-272 | RST45C1E-CAA-102     | 18.88      | 14.34     | 11.83      | 3/8        | 1/2         | 14.8    |                      | 2580    |         | 5490    |
| M6GP-H064-CAA-272 | RST45C1E-CAA-102     | 18.88      | 14.34     | 11.83      | 3/8        | 1/2         | 14.8    |                      | 2580    |         | 5490    |
| M6GP-H064-CAA-272 | RST45C1E-CAA-102     | 18.88      | 14.34     | 11.83      | 3/8        | 1/2         | 14.8    |                      | 2580    |         | 5490    |
| M6GP-H064-CAA-272 | RST45C1E-CAA-102     | 18.88      | 14.34     | 11.83      | 3/8        | 1/2         | 14.8    |                      | 2580    |         | 5490    |
| M6GP-H064-CAA-177 | RST45C1E-CAA-102     | 18.86      | 14.34     | 11.79      | 3/8        |             | 14.8    |                      | 2580    |         | 5490    |
| M6GP-H064-CAA-177 | RST45C1E-CAA-102     | 18.86      | 14.34     | 11.79      | 3/8        |             | 14.8    |                      | 2580    |         | 5490    |
| M6GP-H064-CAA-177 | RST45C1E-CAA-102     | 18.86      | 14.34     | 11.79      | 3/8        |             | 14.8    |                      | 2580    |         | 5490    |
| M6GP-H064-CAA-179 | RST45C1E-CAA-102     | 18.10      | 14.34     | 11.79      | 1/4        |             | 14.8    |                      | 2580    |         | 5490    |
| M6GP-H064-CAA-179 | RST45C1E-CAA-102     | 18.10      | 14.34     | 11.79      | 1/4        |             | 14.8    |                      | 2580    |         | 5490    |
| M6GP-H064-CAA-179 | RST45C1E-CAA-102     | 18.10      | 14.34     | 11.79      | 1/4        |             | 14.8    |                      | 2580    |         | 5490    |
| M6GP-H064-CAA-177 | RST45C1E-CAA-102     | 18.86      | 14.34     | 11.79      | 3/8        |             | 14.8    |                      | 2580    |         | 5490    |
| M6GP-H064-CAA-272 | RST45C1E-CAA-102     | 18.88      | 14.34     | 11.83      | 3/8        | 1/2         | 14.8    |                      | 2580    |         | 5490    |
| M6GP-H064-CAA-272 | RST45C1E-CAA-102     | 18.88      | 14.34     | 11.83      | 3/8        | 1/2         | 14.8    |                      | 2580    |         | 5490    |
| M6GP-H064-CAA-272 | RST45C1E-CAA-102     | 18.88      | 14.34     | 11.83      | 3/8        | 1/2         | 14.8    |                      | 2580    |         | 5490    |
| M6GP-H064-CAA-179 | RST45C1E-CAA-102     | 18.10      | 14.34     | 11.79      | 1/4        |             | 14.8    |                      | 2580    |         | 5490    |
| M6GP-H064-CAA-272 | RST45C1E-CAA-102     | 18.88      | 14.34     | 11.83      | 3/8        | 1/2         | 14.8    |                      | 2580    |         | 5490    |
| M6GP-H064-CAA-272 | RST45C1E-CAA-102     | 18.88      | 14.34     | 11.83      | 3/8        | 1/2         | 14.8    |                      | 2580    |         | 5490    |

## Copeland to Copeland Cross Reference

| Old Model         | Compressor Model | Length | Width | Height | Liquid Conn. | Suction Conn. | MCA  | Old Rated Capacities |         |         |         |
|-------------------|------------------|--------|-------|--------|--------------|---------------|------|----------------------|---------|---------|---------|
|                   |                  |        |       |        |              |               |      | LT_134A              | LT_404A | MT_134A | MT_404A |
| M4FF-0056-IAA-222 | RST45C1E-IAA-108 | 17.40  | 14.40 | 11.80  | 1/4          | 5/8           | 14.8 |                      | 2460    |         | 5180    |
| M4FF-0056-IAA-252 | RST45C1E-IAA-108 | 17.40  | 14.40 | 11.80  | 1/4          | 5/8           | 14.8 |                      | 2460    |         | 5180    |
| M4FF-0056-IAA-272 | RST45C1E-IAA-108 | 17.40  | 14.40 | 11.80  | 1/4          | 5/8           | 14.8 |                      | 2460    |         | 5180    |
| M4FF-0056-IAB-252 | RST45C1E-IAV-109 | 17.40  | 14.40 | 11.80  | 1/4          | 5/8           | 7.2  |                      | 2460    |         | 5180    |
| M4FF-0056-IAV-020 | RST45C1E-IAV-109 | 17.40  | 14.40 | 11.80  | 1/4          | 5/8           | 7.6  |                      | 2540    |         | 5350    |
| M4FF-0056-IAV-040 | RST45C1E-IAV-109 | 19.50  | 18.80 | 12.01  | 5/8          | 1 1/16        | 7.6  |                      | 2540    |         | 5350    |
| M4FF-0056-IAV-041 | RST45C1E-IAV-109 | 17.50  | 17.40 | 11.80  | 1/2          | 5/8           | 7.6  |                      | 2540    |         | 5350    |
| M4FF-0056-IAV-0H3 | RST45C1E-IAV-109 | 24.50  | 21.20 | 18.60  | 1/4          | 5/8           | 7.6  |                      | 2540    |         | 5350    |
| M4FF-0056-IAV-103 | RST45C1E-IAV-109 | 17.40  | 14.00 | 11.80  | 1/4          | 5/8           | 7.6  |                      | 2540    |         | 5350    |
| M4FF-0056-IAV-141 | RST45C1E-IAV-109 | 17.50  | 17.42 | 12.11  | 1/4          | 5/8           | 7.6  |                      | 2540    |         | 5350    |
| M4FF-0056-IAV-160 | RST45C1E-IAV-104 | 17.40  | 14.00 | 11.80  | 1/4          | 3/8           | 7.6  |                      | 2540    |         | 5350    |
| M4FF-0056-IAV-212 | RST45C1E-IAV-109 | 17.40  | 14.40 | 11.80  | 1/4          | 5/8           | 7.6  |                      | 2540    |         | 5350    |
| M4FF-0056-IAV-240 | RST45C1E-IAV-109 | 23.80  | 15.10 | 11.80  | 1/4          | 5/8           | 7.6  |                      | 2540    |         | 5350    |
| M4FF-0056-IAV-272 | RST45C1E-IAV-109 | 17.40  | 14.40 | 11.80  | 1/4          | 5/8           | 7.6  |                      | 2540    |         | 5350    |
| M4FF-0057-IAA-140 | RST45C1E-IAA-108 | 17.50  | 12.70 | 11.80  | 1/4          | 1/2           | 14.8 |                      | 2320    |         | 4730    |
| M4FF-0059-IAA-272 | RST45C1E-IAA-108 | 24.00  | 17.18 | 13.03  | 3/8          | 5/8           | 15.1 |                      | 2600    |         | 5590    |
| M4FF-0059-IAV-045 | RST45C1E-IAV-109 | 28.90  | 18.30 | 15.70  | 5/8          | 1 1/16        | 7.5  |                      | 2600    |         | 5590    |
| M4FF-0059-IAV-272 | RST45C1E-IAV-109 | 24.00  | 17.50 | 13.03  | 3/8          | 5/8           | 7.8  |                      | 2600    |         | 5590    |
| M4FF-0075-CAA-020 | RST55C1E-CAA-108 | 24.00  | 16.90 | 13.10  | 3/8          | 5/8           | 20.8 |                      | 3090    |         | 6660    |
| M4FF-0075-CAA-021 | RST55C1E-CAA-108 | 24.00  | 17.06 | 13.07  | 3/8          | 5/8           | 20.8 |                      | 3090    |         | 6660    |
| M4FF-0075-CAA-050 | RST55C1E-CAA-108 | 24.00  | 16.90 | 13.10  | 3/8          | 5/8           | 20.8 |                      | 3090    |         | 6660    |
| M4FF-0075-CAA-123 | RST55C1E-CAA-108 | 24.00  | 16.30 | 13.10  | 1/4          | 1/2           | 20.8 |                      | 3090    |         | 6660    |
| M4FF-0075-CAA-160 | RST55C1E-CAA-102 | 24.00  | 17.10 | 13.10  | 3/8          | 3/8           | 20.8 |                      | 3090    |         | 6660    |
| M4FF-0075-CAA-212 | RST55C1E-CAA-108 | 24.00  | 16.90 | 13.10  | 3/8          | 5/8           | 20.8 |                      | 3090    |         | 6660    |
| M4FF-0075-CAA-221 | RST55C1E-CAA-108 | 24.00  | 16.90 | 13.10  | 3/8          | 1/2           | 20.8 |                      | 3090    |         | 6660    |
| M4FF-0075-CAA-272 | RST55C1E-CAA-108 | 24.00  | 16.90 | 13.10  | 3/8          | 5/8           | 20.8 |                      | 3090    |         | 6660    |
| M4FF-0075-CAV-020 | RST55C1E-CAV-109 | 24.00  | 16.30 | 13.10  | 3/8          | 5/8           | 9.7  |                      | 3090    |         | 6660    |
| M4FF-0075-CAV-041 | RST55C1E-CAV-109 | 24.00  | 17.10 | 13.10  | 3/8          | 5/8           | 9.7  |                      | 3090    |         | 6660    |
| M4FF-0075-CAV-050 | RST55C1E-CAV-109 | 24.00  | 17.00 | 13.10  | 3/8          | 5/8           | 9.7  |                      | 3090    |         | 6660    |
| M4FF-0075-CAV-0H2 | RST55C1E-CAV-109 | 30.23  | 24.86 | 22.61  | 1/4          | 5/8           | 9.6  |                      | 3090    |         | 6660    |
| M4FF-0075-CAV-121 | RST55C1E-CAV-109 | 24.00  | 17.00 | 13.10  | 3/8          | 5/8           | 9.7  |                      | 3090    |         | 6660    |
| M4FF-0075-CAV-160 | RST55C1E-CAV-104 | 17.50  | 14.00 | 11.80  | 1/4          | 5/8           | 9.7  |                      | 3090    |         | 6660    |
| M4FF-0075-CAV-212 | RST55C1E-CAV-109 | 24.00  | 16.90 | 13.10  | 3/8          | 5/8           | 9.7  |                      | 3090    |         | 6660    |
| M4FF-0075-CAV-272 | RST55C1E-CAV-109 | 24.00  | 16.90 | 13.10  | 3/8          | 5/8           | 9.7  |                      | 3090    |         | 6660    |
| M4FF-0077-CAV-221 | RST64C1E-CAV-108 | 17.50  | 14.40 | 11.80  | 1/4          | 1/2           | 12.3 |                      | 3840    |         | 7480    |
| M4FF-0077-CFA-104 | RST64C1E-CFA-108 | 17.50  | 14.40 | 11.80  | 1/4          | 5/8           | 20   |                      | 3840    |         | 7480    |
| M4FF-0077-CFA-116 | RST64C1E-CFA-108 | 17.50  | 14.00 | 11.80  | 1/4          | 1/2           | 20   |                      | 3840    |         | 7480    |
| M4FF-0077-CFA-140 | RST64C1E-CFA-102 | 17.50  | 14.40 | 11.80  | 1/4          | 3/8           | 20   |                      | 3840    |         | 7480    |
| M4FF-0077-CFA-141 | RST64C1E-CFA-102 | 17.50  | 14.40 | 11.80  | 1/4          | 3/8           | 20   |                      | 3840    |         | 7480    |
| M4FF-0077-CFA-208 | RST64C1E-CFA-108 | 17.50  | 14.40 | 11.80  | 1/4          | 1/2           | 20   |                      | 3840    |         | 7480    |
| M4FF-0077-CFA-212 | RST64C1E-CFA-108 | 17.50  | 14.40 | 11.80  | 1/4          | 5/8           | 20   |                      | 3840    |         | 7480    |
| M4FF-0077-CFA-240 | RST64C1E-CFA-108 | 23.90  | 15.00 | 11.80  | 1/4          | 5/8           | 20   |                      | 3840    |         | 7480    |
| M4FF-0077-IAB-252 | RST64C1E-IAV-108 | 17.50  | 14.40 | 11.80  | 1/4          | 5/8           | 11.8 |                      | 3840    |         | 7480    |
| M4FF-0077-IAV-123 | RST64C1E-IAV-108 | 17.50  | 14.00 | 11.80  | 1/4          | 5/8           | 12.3 |                      | 3840    |         | 7480    |
| M4FF-0077-IAV-172 | RST64C1E-IAV-102 | 17.38  | 13.99 | 11.82  | 1/4          | 3/8           | 12.3 |                      | 3840    |         | 7480    |
| M4FF-0077-IAV-208 | RST64C1E-IAV-108 | 17.50  | 14.40 | 11.80  | 1/4          | 5/8           | 12.3 |                      | 3840    |         | 7480    |
| M4FF-0077-IAV-212 | RST64C1E-IAV-108 | 17.50  | 14.40 | 11.80  | 1/4          | 5/8           | 12.3 |                      | 3840    |         | 7480    |
| M4FF-0077-IAV-221 | RST64C1E-IAV-108 | 17.50  | 14.40 | 11.80  | 1/4          | 1/2           | 12.3 |                      | 3840    |         | 7480    |
| M4FF-0080-CAV-020 | RST64C1E-CAV-108 | 24.00  | 16.80 | 13.10  | 3/8          | 5/8           | 12.4 |                      | 3880    |         | 7640    |
| M4FF-0080-CAV-021 | RST64C1E-CAV-108 | 24.00  | 16.80 | 13.10  | 3/8          | 5/8           | 12.4 |                      | 3880    |         | 7640    |
| M4FF-0080-CAV-050 | RST64C1E-CAV-108 | 24.00  | 16.80 | 13.10  | 3/8          | 5/8           | 12.4 |                      | 3880    |         | 7640    |
| M4FF-0080-CAV-072 | RST64C1E-CAV-108 | 24.00  | 16.80 | 13.10  | 3/8          | 5/8           | 12.4 |                      | 3880    |         | 7640    |
| M4FF-0080-CAV-0H3 | RST64C1E-CAV-108 | 30.23  | 25.29 | 22.61  | 1/4          | 5/8           | 12.3 |                      | 3880    |         | 7640    |
| M4FF-0080-CAV-207 | RST64C1E-CAV-108 | 24.00  | 16.85 | 13.07  | 3/8          | 1/2           | 12.4 |                      | 3880    |         | 7640    |
| M4FF-0080-CAV-212 | RST64C1E-CAV-108 | 24.00  | 16.80 | 13.10  | 3/8          | 5/8           | 12.4 |                      | 3880    |         | 7640    |
| M4FF-0080-CAV-221 | RST64C1E-CAV-108 |        |       |        |              |               | 12.4 |                      | 3880    |         | 7640    |
| M4FF-0080-CAV-252 | RST64C1E-CAV-108 | 24.00  | 16.80 | 13.10  | 3/8          | 5/8           | 12.4 |                      | 3880    |         | 7640    |
| M4FF-0080-CFA-017 | RST64C1E-CFA-108 | 24.00  | 16.30 | 13.10  | 3/8          | 5/8           | 20.3 |                      | 3880    |         | 7640    |
| M4FF-0080-CFA-020 | RST64C1E-CFA-108 | 24.00  | 16.80 | 13.10  | 3/8          | 5/8           | 20.3 |                      | 3880    |         | 7640    |
| M4FF-0080-CFA-207 | RST64C1E-CFA-108 | 24.00  | 16.80 | 13.10  | 3/8          | 1/2           | 20.3 |                      | 3880    |         | 7640    |
| M4FF-0080-CFA-212 | RST64C1E-CFA-108 | 24.00  | 16.80 | 13.10  | 3/8          | 5/8           | 20.3 |                      | 3880    |         | 7640    |
| M4FF-0080-CFA-240 | RST64C1E-CFA-108 | 24.00  | 22.60 | 13.10  | 3/8          | 5/8           | 20.3 |                      | 3880    |         | 7640    |

| New Model         | New Compressor Model | New Length | New Width | New Height | New Liquid | New Suction | New MCA | New Rated Capacities |         |         |         |
|-------------------|----------------------|------------|-----------|------------|------------|-------------|---------|----------------------|---------|---------|---------|
|                   |                      |            |           |            |            |             |         | LT_134a              | LT_404A | MT_134a | MT_404A |
| M6GP-H064-CAA-272 | RST45C1E-CAA-102     | 18.88      | 14.34     | 11.83      | 3/8        | 1/2         | 14.8    |                      | 2580    |         | 5490    |
| M6GP-H064-CAA-177 | RST45C1E-CAA-102     | 18.88      | 14.34     | 11.83      | 3/8        | 1/2         | 14.8    |                      | 2580    |         | 5490    |
| M6GP-H064-CAA-272 | RST45C1E-CAA-102     | 18.88      | 14.34     | 11.83      | 3/8        | 1/2         | 14.8    |                      | 2580    |         | 5490    |
| M6GP-H064-CAV-278 | RST45C1E-CAV-104     | 18.88      | 14.34     | 11.83      | 3/8        | 5/16        | 7.4     |                      | 2580    |         | 5490    |
| M6GP-H064-CAV-278 | RST45C1E-CAV-104     | 18.88      | 14.34     | 11.83      | 3/8        | 5/16        | 7.4     |                      | 2580    |         | 5490    |
| M6GP-H064-CAV-278 | RST45C1E-CAV-104     | 18.88      | 14.34     | 11.83      | 3/8        | 5/16        | 7.4     |                      | 2580    |         | 5490    |
| M6GP-H064-CAV-278 | RST45C1E-CAV-104     | 18.88      | 14.34     | 11.83      | 3/8        | 5/16        | 7.4     |                      | 2580    |         | 5490    |
| M6GP-H064-CAV-177 | RST45C1E-CAV-104     | 18.86      | 14.34     | 11.79      | 3/8        |             | 7.4     |                      | 2580    |         | 5490    |
| M6GP-H064-CAV-177 | RST45C1E-CAV-104     | 18.86      | 14.34     | 11.79      | 3/8        |             | 7.4     |                      | 2580    |         | 5490    |
| M6GP-H064-CAV-278 | RST45C1E-CAV-104     | 18.88      | 14.34     | 11.83      | 3/8        | 5/16        | 7.4     |                      | 2580    |         | 5490    |
| M6GP-H064-CAV-278 | RST45C1E-CAV-104     | 18.88      | 14.34     | 11.83      | 3/8        | 5/16        | 7.4     |                      | 2580    |         | 5490    |
| M6GP-H064-CAV-177 | RST45C1E-CAV-104     | 18.86      | 14.34     | 11.79      | 3/8        |             | 7.4     |                      | 2580    |         | 5490    |
| M6GP-H064-CAV-278 | RST45C1E-CAV-104     | 18.88      | 14.34     | 11.83      | 3/8        | 5/16        | 7.4     |                      | 2580    |         | 5490    |
| M6GP-H064-CAV-177 | RST45C1E-CAV-104     | 18.86      | 14.34     | 11.79      | 3/8        |             | 7.4     |                      | 2580    |         | 5490    |
| M6GP-H064-CAA-179 | RST45C1E-CAA-102     | 18.10      | 14.34     | 11.79      | 1/4        |             | 14.8    |                      | 2580    |         | 5490    |
| M6KP-0064-CAA-177 | RST45C1E-CAA-102     | 24.00      | 16.39     | 13.08      | 1/4        | 3/8         | 15.1    |                      | 2600    |         | 5560    |
| M6KP-0064-CAV-072 | RST45C1E-CAV-104     | 24.00      | 16.39     | 13.08      | 3/8        | 3/8         | 7.5     |                      | 2600    |         | 5560    |
| M6KP-0064-CAV-177 | RST45C1E-CAV-104     | 24.00      | 16.39     | 13.08      | 1/4        | 3/8         | 7.5     |                      | 2600    |         | 5560    |
| M6KP-0075-CAA-072 | RST55C1E-CAA-102     | 24.00      | 16.39     | 13.08      | 3/8        | 3/8         | 20.8    |                      | 3290    |         | 6660    |
| M6KP-0075-CAA-072 | RST55C1E-CAA-102     | 24.00      | 16.39     | 13.08      | 3/8        | 3/8         | 20.8    |                      | 3290    |         | 6660    |
| M6KP-0075-CAA-072 | RST55C1E-CAA-102     | 24.00      | 16.39     | 13.08      | 3/8        | 3/8         | 20.8    |                      | 3290    |         | 6660    |
| M6KP-0075-CAA-179 | RST55C1E-CAA-102     | 24.00      | 16.29     | 13.08      | 1/4        | 3/8         | 20.8    |                      | 3290    |         | 6660    |
| M6KP-0075-CAA-072 | RST55C1E-CAA-102     | 24.00      | 16.39     | 13.08      | 3/8        | 3/8         | 20.8    |                      | 3290    |         | 6660    |
| M6KP-0075-CAA-177 | RST55C1E-CAA-102     | 24.00      | 16.41     | 13.08      | 3/8        | 3/8         | 20.8    |                      | 3290    |         | 6660    |
| M6KP-0075-CAA-272 | RST55C1E-CAA-102     | 24.00      | 16.41     | 13.08      | 3/8        | 3/8         | 20.8    |                      | 3290    |         | 6660    |
| M6KP-0075-CAA-177 | RST55C1E-CAA-102     | 24.00      | 16.41     | 13.08      | 3/8        | 3/8         | 20.8    |                      | 3290    |         | 6660    |
| M6KP-0075-CAV-072 | RST55C1E-CAV-104     | 24.00      | 16.39     | 13.08      | 3/8        | 3/8         | 9.7     |                      | 3290    |         | 6660    |
| M6KP-0075-CAV-072 | RST55C1E-CAV-104     | 24.00      | 16.39     | 13.08      | 3/8        | 3/8         | 9.7     |                      | 3290    |         | 6660    |
| M6KP-0075-CAV-072 | RST55C1E-CAV-104     | 24.00      | 16.39     | 13.08      | 3/8        | 3/8         | 9.7     |                      | 3290    |         | 6660    |
| M6KP-0075-CAV-072 | RST55C1E-CAV-104     | 24.00      | 16.39     | 13.08      | 3/8        | 3/8         | 9.7     |                      | 3290    |         | 6660    |
| M6KP-0075-CAV-177 | RST55C1E-CAV-104     | 24.00      | 16.39     | 13.08      | 1/4        | 3/8         | 9.7     |                      | 3290    |         | 6660    |
| M6KP-0075-CAV-072 | RST55C1E-CAV-104     | 24.00      | 16.39     | 13.08      | 3/8        | 3/8         | 9.7     |                      | 3290    |         | 6660    |
| M6KP-0075-CAV-177 | RST55C1E-CAV-104     | 24.00      | 16.39     | 13.08      | 1/4        | 3/8         | 9.7     |                      | 3290    |         | 6660    |
| M6GP-H090-CAV-177 | RST64C1E-CAV-102     | 18.82      | 14.34     | 12.29      | 3/8        |             | 12.3    |                      | 4010    |         | 7580    |
| M6GP-H090-CFA-272 | RST64C1E-CFA-102     | 18.84      | 14.34     | 12.29      | 3/8        | 1/2         | 20      |                      | 4010    |         | 7580    |
| M6GP-H090-CFA-179 | RST64C1E-CFA-102     | 18.10      | 14.34     | 11.79      | 1/4        |             | 20      |                      | 4010    |         | 7580    |
| M6GP-H090-CFA-179 | RST64C1E-CFA-102     | 18.10      | 14.34     | 11.79      | 1/4        |             | 20      |                      | 4010    |         | 7580    |
| M6GP-H090-CFA-177 | RST64C1E-CFA-102     | 18.82      | 14.34     | 12.29      | 3/8        |             | 20      |                      | 4010    |         | 7580    |
| M6GP-H090-CFA-179 | RST64C1E-CFA-102     | 18.10      | 14.34     | 11.79      | 1/4        |             | 20      |                      | 4010    |         | 7580    |
| M6GP-H090-CFA-177 | RST64C1E-CFA-102     | 18.82      | 14.34     | 12.29      | 3/8        |             | 20      |                      | 4010    |         | 7580    |
| M6GP-H090-CFA-272 | RST64C1E-CFA-102     | 18.84      | 14.34     | 12.29      | 3/8        | 1/2         | 20      |                      | 4010    |         | 7580    |
| M6GP-H090-CAV-272 | RST64C1E-CAV-102     | 18.84      | 14.34     | 12.29      | 3/8        | 1/2         | 12.3    |                      | 4010    |         | 7580    |
| M6GP-H090-CAV-177 | RST64C1E-CAV-102     | 18.82      | 14.34     | 12.29      | 3/8        |             | 12.3    |                      | 4010    |         | 7580    |
| M6GP-H090-CAV-272 | RST64C1E-CAV-102     | 18.84      | 14.34     | 12.29      | 3/8        | 1/2         | 12.3    |                      | 4010    |         | 7580    |
| M6GP-H090-CAV-272 | RST64C1E-CAV-102     | 18.84      | 14.34     | 12.29      | 3/8        | 1/2         | 12.3    |                      | 4010    |         | 7580    |
| M6GP-H090-CAV-177 | RST64C1E-CAV-102     | 18.82      | 14.34     | 12.29      | 3/8        |             | 12.3    |                      | 4010    |         | 7580    |
| M6GP-H090-CAV-272 | RST64C1E-CAV-102     | 18.84      | 14.34     | 12.29      | 3/8        | 1/2         | 12.3    |                      | 4010    |         | 7580    |
| M6KP-0092-CAV-072 | RST64C1E-CAV-102     | 24.00      | 16.39     | 13.08      | 3/8        | 1/2         | 12.4    |                      | 4050    |         | 7750    |
| M6KP-0092-CAV-072 | RST64C1E-CAV-102     | 24.00      | 16.39     | 13.08      | 3/8        | 1/2         | 12.4    |                      | 4050    |         | 7750    |
| M6KP-0092-CAV-072 | RST64C1E-CAV-102     | 24.00      | 16.39     | 13.08      | 3/8        | 1/2         | 12.4    |                      | 4050    |         | 7750    |
| M6KP-0092-CAV-072 | RST64C1E-CAV-102     | 24.00      | 16.39     | 13.08      | 3/8        | 1/2         | 12.4    |                      | 4050    |         | 7750    |
| M6KP-0092-CAV-272 | RST64C1E-CAV-102     | 24.00      | 16.39     | 13.08      | 3/8        | 3/8         | 12.4    |                      | 4050    |         | 7750    |
| M6KP-0092-CAV-272 | RST64C1E-CAV-102     | 24.00      | 16.39     | 13.08      | 3/8        | 3/8         | 12.4    |                      | 4050    |         | 7750    |
| M6KP-0092-CAV-177 | RST64C1E-CAV-102     | 24.00      | 16.39     | 13.08      | 1/4        | 3/8         | 12.4    |                      | 4050    |         | 7750    |
| M6KP-0092-CAV-177 | RST64C1E-CAV-102     | 24.00      | 16.39     | 13.08      | 1/4        | 3/8         | 12.4    |                      | 4050    |         | 7750    |
| M6KP-0092-CAV-272 | RST64C1E-CAV-102     | 24.00      | 16.39     | 13.08      | 3/8        | 3/8         | 12.4    |                      | 4050    |         | 7750    |
| M6KP-0092-CFA-072 | RST64C1E-CFA-102     | 24.00      | 16.68     | 13.08      | 3/8        | 3/8         | 20.3    |                      | 4050    |         | 7750    |
| M6KP-0092-CFA-072 | RST64C1E-CFA-102     | 24.00      | 16.68     | 13.08      | 3/8        | 3/8         | 20.3    |                      | 4050    |         | 7750    |
| M6KP-0092-CFA-272 | RST64C1E-CFA-102     | 24.00      | 16.39     | 13.08      | 1/4        | 3/8         | 20.3    |                      | 4050    |         | 7750    |
| M6KP-0092-CFA-177 | RST64C1E-CFA-102     | 24.00      | 16.39     | 13.08      | 3/8        | 3/8         | 20.3    |                      | 4050    |         | 7750    |
| M6KP-0092-CFA-272 | RST64C1E-CFA-102     | 24.00      | 16.39     | 13.08      | 1/4        | 3/8         | 20.3    |                      | 4050    |         | 7750    |

## Copeland to Copeland Cross Reference

| Old Model         | Compressor Model | Length | Width | Height | Liquid Conn. | Suction Conn. | MCA  | Old Rated Capacities |         |         |         |
|-------------------|------------------|--------|-------|--------|--------------|---------------|------|----------------------|---------|---------|---------|
|                   |                  |        |       |        |              |               |      | LT_134A              | LT_404A | MT_134A | MT_404A |
| M4FF-0080-CFA-244 | RST64C1E-CFA-108 | 24.00  | 16.30 | 13.10  | 3/8          | 5/8           | 20.3 |                      | 3880    |         | 7640    |
| M4FF-0080-CFA-245 | RST64C1E-CFA-108 | 24.00  | 16.80 | 13.10  | 3/8          | 5/8           | 20.3 |                      | 3880    |         | 7640    |
| M4FF-0080-CFA-252 | RST64C1E-CFA-108 | 24.00  | 16.80 | 13.10  | 3/8          | 5/8           | 20.3 |                      | 3880    |         | 7640    |
| M4FF-0080-IAV-020 | RST64C1E-IAV-108 | 24.00  | 16.10 | 13.10  | 3/8          | 5/8           | 12.4 |                      | 3880    |         | 7640    |
| M4FF-0080-IAV-040 | RST64C1E-IAV-108 | 24.00  | 16.80 | 13.10  | 3/8          | 5/8           | 12.4 |                      | 3880    |         | 7640    |
| M4FF-0080-IAV-072 | RST64C1E-IAV-108 | 24.00  | 16.80 | 13.10  | 3/8          | 5/8           | 12.4 |                      | 3880    |         | 7640    |
| M4FF-0080-IAV-075 | RST64C1E-IAV-108 | 24.00  | 16.80 | 13.10  | 3/8          | 5/8           | 12.4 |                      | 3880    |         | 7640    |
| M4FF-0080-IAV-076 | RST64C1E-IAV-108 | 24.00  | 16.97 | 13.08  | 3/8          | 5/8           | 12.4 |                      | 3880    |         | 7640    |
| M4FF-0080-IAV-077 | RST64C1E-IAV-102 | 24.00  | 16.97 | 13.08  | 3/8          | 5/8           | 12.4 |                      | 3880    |         | 7640    |
| M4FF-0080-IAV-115 | RST64C1E-IAV-108 | 24.00  | 16.10 | 13.00  | 3/8          | 5/8           | 12.4 |                      | 3880    |         | 7640    |
| M4FF-0080-IAV-212 | RST64C1E-IAV-108 | 24.00  | 16.10 | 13.10  | 3/8          | 5/8           | 12.4 |                      | 3880    |         | 7640    |
| M4FF-0080-IAV-252 | RST64C1E-IAV-108 | 24.00  | 16.80 | 13.10  | 3/8          | 5/8           | 12.4 |                      | 3880    |         | 7640    |
| M4FF-0082-CFA-140 | RST80C1E-PFA-150 | 17.50  | 14.38 | 11.82  | 1/4          | 1/2           | 24.5 |                      |         |         |         |
| M4FF-E050-IAA-212 | RST45C1E-IAA-108 | 16.13  | 13.68 | 11.73  | 1/4          | 1/2           | 13.7 |                      | 2340    |         | 4660    |
| M4FF-E050-IAA-221 | RST45C1E-IAA-108 |        |       |        |              |               | 13.7 |                      | 2340    |         | 4660    |
| M4FF-E050-IAV-160 | RST45C1E-IAV-104 | 17.50  | 14.80 | 11.80  | 1/4          | 3/8           | 7.1  |                      | 2340    |         | 4660    |
| M4FF-E056-CAA-222 | RST45C1E-CAA-108 | 17.50  | 14.40 | 11.80  | 1/4          | 1/2           | 14.5 |                      | 2510    |         | 5280    |
| M4FF-E056-IAA-115 | RST45C1E-IAA-108 | 17.50  | 13.99 | 11.82  | 1/4          | 1/2           | 14.5 |                      | 2510    |         | 5280    |
| M4FF-E056-IAA-122 | RST45C1E-IAA-108 |        |       |        |              |               | 14.5 |                      | 2510    |         | 5280    |
| M4FF-E056-IAA-140 | RST45C1E-IAA-108 | 17.50  | 13.99 | 11.82  | 1/4          | 1/2           | 14.5 |                      | 2510    |         | 5280    |
| M4FF-E056-IAV-160 | RST45C1E-IAV-104 | 17.50  | 14.31 | 11.71  | 1/4          | 3/8           | 7.7  |                      | 2510    |         | 5280    |
| M4FF-E056-IAV-212 | RST45C1E-IAV-109 | 17.50  | 14.38 | 11.82  | 1/4          | 5/8           | 7.7  |                      | 2510    |         | 5280    |
| M4FF-E056-IAV-221 | RST45C1E-IAV-109 |        |       |        |              |               | 7.7  |                      | 2510    |         | 5280    |
| M4FF-E075-CAA-040 | RST55C1E-CAA-108 | 24.00  | 17.06 | 13.02  | 3/8          | 5/8           | 19.9 |                      | 3070    |         | 6610    |
| M4FF-E075-CAA-212 | RST55C1E-CAA-108 | 24.00  | 17.10 | 13.02  | 3/8          | 5/8           | 19.9 |                      | 3070    |         | 6610    |
| M4FF-E075-CAA-221 | RST55C1E-CAA-108 |        |       |        |              |               | 19.9 |                      | 3070    |         | 6610    |
| M4FF-E075-CAV-140 | RST55C1E-CAV-109 | 24.00  | 17.11 | 13.07  | 3/8          | 5/8           | 9.6  |                      | 3070    |         | 6610    |
| M4FF-E075-CAV-160 | RST55C1E-CAV-104 | 24.00  | 17.23 | 13.38  | 3/8          | 3/8           | 9.6  |                      | 3070    |         | 6610    |
| M4FF-E075-CAV-212 | RST55C1E-CAV-109 | 24.00  | 16.34 | 13.02  | 3/8          | 5/8           | 9.6  |                      | 3070    |         | 6610    |
| M4FF-E075-CAV-221 | RST55C1E-CAV-109 |        |       |        |              |               | 9.6  |                      | 3070    |         | 6610    |
| M4FF-E077-CFA-212 | RST64C1E-CFA-108 | 17.51  | 14.39 | 11.82  | 1/4          | 5/8           | 19.7 |                      | 3770    |         | 7060    |
| M4FF-E077-IAV-160 | RST64C1E-IAV-102 | 17.50  | 14.30 | 11.80  | 1/4          | 3/8           | 12.3 |                      | 3770    |         | 7060    |
| M4FF-E077-IAV-208 | RST64C1E-IAV-108 |        |       |        |              |               | 12.3 |                      | 3770    |         | 7060    |
| M4FF-E077-IAV-212 | RST64C1E-IAV-108 | 17.50  | 14.38 | 11.82  | 1/4          | 5/8           | 12.3 |                      | 3770    |         | 7060    |
| M4FF-E080-CAV-212 | RST64C1E-CAV-108 | 24.00  | 16.89 | 13.07  | 3/8          | 5/8           | 12.3 |                      |         |         |         |
| M4FF-E080-CFA-207 | RST64C1E-CFA-108 | 24.00  | 16.85 | 13.07  | 3/8          | 1/2           | 19.4 |                      |         |         |         |
| M4FH-0025-IAA-020 | ASE19C3E-IAA-103 |        |       |        |              |               | 10.7 |                      |         |         | 2430    |
| M4FH-0025-IAA-045 | ASE19C3E-IAA-103 | 24.40  | 19.60 | 12.60  | 5/8          | 1 1/16        | 10.7 |                      |         |         | 2430    |
| M4FH-0025-IAA-060 | ASE19C3E-IAA-103 | 21.37  | 12.13 | 11.44  | 1/4          | 3/8           | 10.7 |                      |         |         | 2430    |
| M4FH-0025-IAA-103 | ASE19C3E-IAA-103 | 13.82  | 11.44 | 9.67   | 1/4          | 3/8           | 10.7 |                      |         |         | 2430    |
| M4FH-0025-IAA-111 | ASE19C3E-IAA-103 | 13.82  | 11.25 | 9.67   | 1/4          | 3/8           | 10.7 |                      |         |         | 2430    |
| M4FH-0025-IAA-123 | ASE19C3E-IAA-103 | 18.90  | 11.50 | 9.70   | 1/4          | 3/8           | 10.7 |                      |         |         | 2430    |
| M4FH-0025-IAA-140 | ASE19C3E-IAA-103 | 20.77  | 10.75 | 10.33  | 1/4          | 3/8           | 10.7 |                      |         |         | 2430    |
| M4FH-0025-IAA-212 | ASE19C3E-IAA-103 | 13.85  | 11.90 | 9.67   | 1/4          | 3/8           | 10.7 |                      |         |         | 2430    |
| M4FH-0025-IAA-240 | ASE19C3E-IAA-103 | 13.86  | 12.01 | 9.94   | 1/4          | 3/8           | 10.7 |                      |         |         | 2430    |
| M4FH-0025-IAA-241 | ASE19C3E-IAA-103 | 13.90  | 11.69 | 9.62   | 1/4          | 3/8           | 10.7 |                      |         |         | 2430    |
| M4FH-0025-IAA-260 | ASE19C3E-IAA-103 | 21.37  | 12.06 | 11.44  | 1/4          | 3/8           | 10.7 |                      |         |         | 2430    |
| M4FH-0025-IAA-272 | ASE19C3E-IAA-103 | 14.50  | 12.00 | 11.40  | 1/4          | 3/8           | 10.7 |                      |         |         | 2430    |
| M4FH-0026-IAA-240 | ASE19C3E-IAA-103 | 15.28  | 11.90 | 9.73   | 1/4          | 3/8           | 10.9 |                      | 1210    |         |         |
| M4FH-0038-IAA-140 | ASE24C3E-IAA-103 | 16.20  | 13.10 | 11.80  | 1/4          | 3/8           | 8.9  |                      |         |         | 3130    |
| M4FH-0039-IAA-045 | ASE24C3E-IAA-103 | 25.90  | 18.60 | 12.60  | 5/8          | 1 1/16        | 9.1  |                      |         |         |         |
| M4FH-0050-CAA-020 | ASE32C3E-CAA-103 |        |       |        |              |               | 12.3 |                      |         |         | 4380    |
| M4FH-0050-CAA-021 | ASE32C3E-CAA-103 | 16.00  | 13.07 | 11.75  | 1/4          | 3/8           | 12.3 |                      |         |         | 4380    |
| M4FH-0050-CAA-103 | ASE32C3E-CAA-103 | 16.06  | 12.82 | 11.81  | 1/4          | 3/8           | 12.3 |                      |         |         | 4380    |
| M4FH-0050-CAA-111 | ASE32C3E-CAA-103 | 16.06  | 12.68 | 11.81  | 1/4          | 3/8           | 12.3 |                      |         |         | 4380    |
| M4FH-0050-CAA-160 | ASE32C3E-CAA-103 | 18.50  | 13.10 | 11.70  | 1/4          | 1/2           | 12.3 |                      |         |         | 4380    |
| M4FH-0050-CAA-212 | ASE32C3E-CAA-103 | 16.06  | 13.08 | 11.81  | 1/4          | 3/8           | 12.3 |                      |         |         | 4380    |
| M4FH-0050-CAA-252 | ASE32C3E-CAA-103 | 16.10  | 13.10 | 11.80  | 1/4          | 3/8           | 12.3 |                      |         |         | 4380    |
| M4FH-0050-CAA-272 | ASE32C3E-CAA-103 | 16.25  | 13.08 | 11.67  | 1/4          | 3/8           | 12.3 |                      |         |         | 4380    |
| M4FH-0050-CAB-252 | ASE32C3E-CAV-103 | 16.18  | 13.08 | 11.73  | 1/4          | 3/8           | 6.5  |                      |         |         | 4380    |
| M4FH-0050-CAV-045 | ASE32C3E-CAV-103 | 24.40  | 18.70 | 12.60  | 5/8          | 1 1/16        | 6.7  |                      |         |         | 4380    |
| M4FH-0050-CAV-103 | ASE32C3E-CAV-103 | 16.06  | 12.82 | 11.81  | 1/4          | 3/8           | 6.7  |                      |         |         | 4380    |

| New Model         | New Compressor Model | New Length | New Width | New Height | New Liquid | New Suction | New MCA | New Rated Capacities |         |         |         |
|-------------------|----------------------|------------|-----------|------------|------------|-------------|---------|----------------------|---------|---------|---------|
|                   |                      |            |           |            |            |             |         | LT_134a              | LT_404A | MT_134a | MT_404A |
| M6KP-0092-CFA-179 | RST64C1E-CFA-102     | 24.00      | 16.27     | 13.08      | 1/4        | 3/8         | 20.3    |                      | 4050    |         | 7750    |
| M6KP-0092-CFA-272 | RST64C1E-CFA-102     | 24.00      | 16.39     | 13.08      | 1/4        | 3/8         | 20.3    |                      | 4050    |         | 7750    |
| M6KP-0092-CFA-272 | RST64C1E-CFA-102     | 24.00      | 16.39     | 13.08      | 1/4        | 3/8         | 20.3    |                      | 4050    |         | 7750    |
| M6KP-0092-CAV-072 | RST64C1E-CAV-102     | 24.00      | 16.39     | 13.08      | 3/8        | 1/2         | 12.4    |                      | 4050    |         | 7750    |
| M6KP-0092-CAV-072 | RST64C1E-CAV-102     | 24.00      | 16.39     | 13.08      | 3/8        | 1/2         | 12.4    |                      | 4050    |         | 7750    |
| M6KP-0092-CAV-072 | RST64C1E-CAV-102     | 24.00      | 16.39     | 13.08      | 3/8        | 1/2         | 12.4    |                      | 4050    |         | 7750    |
| M6KP-0092-CAV-072 | RST64C1E-CAV-102     | 24.00      | 16.39     | 13.08      | 3/8        | 1/2         | 12.4    |                      | 4050    |         | 7750    |
| M6KP-0092-CAV-072 | RST64C1E-CAV-102     | 24.00      | 16.39     | 13.08      | 3/8        | 1/2         | 12.4    |                      | 4050    |         | 7750    |
| M6KP-0092-CAV-177 | RST64C1E-CAV-102     | 24.00      | 16.39     | 13.08      | 1/4        | 3/8         | 12.4    |                      | 4050    |         | 7750    |
| M6KP-0092-CAV-177 | RST64C1E-CAV-102     | 24.00      | 16.39     | 13.08      | 1/4        | 3/8         | 12.4    |                      | 4050    |         | 7750    |
| M6KP-0092-CAV-272 | RST64C1E-CAV-102     | 24.00      | 16.39     | 13.08      | 3/8        | 3/8         | 12.4    |                      | 4050    |         | 7750    |
| M6GP-H103-CFA-272 | RST80C1E-PFA-150     | 18.83      | 14.34     | 12.29      | 3/8        | 1/2         | 24.5    |                      | 4670    |         | 8880    |
| M6ZP-0053-IAA-272 | RST45C1E-IAA-102     | 17.36      | 13.67     | 11.71      | 3/8        | 3/8         | 14      |                      | 2460    |         | 4980    |
| M6ZP-0053-IAA-272 | RST45C1E-IAA-102     | 17.36      | 13.67     | 11.71      | 3/8        | 3/8         | 14      |                      | 2460    |         | 4980    |
| M6ZP-0053-IAV-177 | RST45C1E-IAV-104     | 17.36      | 13.55     | 11.75      | 3/8        |             | 7.2     |                      | 2460    |         | 4980    |
| M6GP-H064-CAA-177 | RST45C1E-CAA-102     | 18.86      | 14.34     | 11.79      | 3/8        |             | 14.8    |                      | 2580    |         | 5490    |
| M6GP-H064-CAA-177 | RST45C1E-CAA-102     | 18.86      | 14.34     | 11.79      | 3/8        |             | 14.8    |                      | 2580    |         | 5490    |
| M6GP-H064-CAA-177 | RST45C1E-CAA-102     | 18.86      | 14.34     | 11.79      | 3/8        |             | 14.8    |                      | 2580    |         | 5490    |
| M6GP-H064-CAA-177 | RST45C1E-CAA-102     | 18.86      | 14.34     | 11.79      | 3/8        |             | 14.8    |                      | 2580    |         | 5490    |
| M6GP-H064-CAV-278 | RST45C1E-CAV-104     | 18.88      | 14.34     | 11.83      | 3/8        | 5/16        | 7.4     |                      | 2580    |         | 5490    |
| M6GP-H064-CAV-177 | RST45C1E-CAV-104     | 18.86      | 14.34     | 11.79      | 3/8        |             | 7.4     |                      | 2580    |         | 5490    |
| M6GP-H064-CAV-177 | RST45C1E-CAV-104     | 18.86      | 14.34     | 11.79      | 3/8        |             | 7.4     |                      | 2580    |         | 5490    |
| M6KP-0075-CAA-072 | RST55C1E-CAA-102     | 24.00      | 16.39     | 13.08      | 3/8        | 3/8         | 20.8    |                      | 3290    |         | 6660    |
| M6KP-0075-CAA-272 | RST55C1E-CAA-102     | 24.00      | 16.39     | 13.08      | 1/4        | 3/8         | 20.8    |                      | 3290    |         | 6660    |
| M6KP-0075-CAA-177 | RST55C1E-CAA-102     | 24.00      | 16.41     | 13.08      | 3/8        | 3/8         | 20.8    |                      | 3290    |         | 6660    |
| M6KP-0075-CAV-072 | RST55C1E-CAV-104     | 24.00      | 16.39     | 13.08      | 3/8        | 3/8         | 9.7     |                      | 3290    |         | 6660    |
| M6KP-0075-CAV-072 | RST55C1E-CAV-104     | 24.00      | 16.39     | 13.08      | 3/8        | 3/8         | 9.7     |                      | 3290    |         | 6660    |
| M6KP-0075-CAV-272 | RST55C1E-CAV-104     | 16.39      | 24.00     | 13.08      | 3/8        | 1/2         | 9.7     |                      | 3290    |         | 6660    |
| M6KP-0075-CAV-177 | RST55C1E-CAV-104     | 24.00      | 16.39     | 13.08      | 1/4        | 3/8         | 9.7     |                      | 3290    |         | 6660    |
| M6GP-H090-CFA-272 | RST64C1E-CFA-102     | 18.84      | 14.34     | 12.29      | 3/8        | 1/2         | 20      |                      | 4010    |         | 7580    |
| M6GP-H090-CAV-272 | RST64C1E-CAV-102     | 18.84      | 14.34     | 12.29      | 3/8        | 1/2         | 12.3    |                      | 4010    |         | 7580    |
| M6GP-H090-CAV-179 | RST64C1E-CAV-102     | 18.84      | 14.34     | 12.29      | 3/8        | 1/2         | 12.3    |                      | 4010    |         | 7580    |
| M6GP-H090-CAV-272 | RST64C1E-CAV-102     | 18.84      | 14.34     | 12.29      | 3/8        | 1/2         | 12.3    |                      | 4010    |         | 7580    |
| M6KP-0092-CAV-272 | RST64C1E-CAV-102     | 24.00      | 16.39     | 13.08      | 3/8        | 3/8         | 12.4    |                      | 4050    |         | 7750    |
| M6KP-0092-CFA-272 | RST64C1E-CFA-102     | 24.00      | 16.39     | 13.08      | 1/4        | 3/8         | 20.3    |                      | 4050    |         | 7750    |
| M6JM-H023-IAA-078 | ASE14C4E-IAA-103     | 14.13      | 12.12     | 11.37      | 1/4        | 3/8         | 6.7     |                      | 1060    |         | 2180    |
| M6JM-H023-IAA-078 | ASE14C4E-IAA-103     | 14.13      | 12.12     | 11.37      | 1/4        | 3/8         | 6.7     |                      | 1060    |         | 2180    |
| M6JM-H023-IAA-078 | ASE14C4E-IAA-103     | 14.13      | 12.12     | 11.37      | 1/4        | 3/8         | 6.7     |                      | 1060    |         | 2180    |
| M6JM-H023-IAA-177 | ASE14C4E-IAA-103     | 14.11      | 11.45     | 11.37      | 1/4        | 3/8         | 6.7     |                      | 1060    |         | 2180    |
| M6JM-H023-IAA-179 | ASE14C4E-IAA-103     | 13.91      | 11.46     | 9.67       | 1/4        |             | 6.7     |                      | 1060    |         | 2180    |
| M6JM-H023-IAA-177 | ASE14C4E-IAA-103     | 14.11      | 11.45     | 11.37      | 1/4        | 3/8         | 6.7     |                      | 1060    |         | 2180    |
| M6JM-H023-IAA-177 | ASE14C4E-IAA-103     | 14.11      | 11.45     | 11.37      | 1/4        | 3/8         | 6.7     |                      | 1060    |         | 2180    |
| M6JM-H023-IAA-177 | ASE14C4E-IAA-103     | 14.11      | 11.45     | 11.37      | 1/4        | 3/8         | 6.7     |                      | 1060    |         | 2180    |
| M6JM-H023-IAA-177 | ASE14C4E-IAA-103     | 14.11      | 11.45     | 11.37      | 1/4        | 3/8         | 6.7     |                      | 1060    |         | 2180    |
| M6JM-H023-IAA-078 | ASE14C4E-IAA-103     | 14.13      | 12.12     | 11.37      | 1/4        | 3/8         | 6.7     |                      | 1060    |         | 2180    |
| M6JM-H023-IAA-078 | ASE14C4E-IAA-103     | 14.13      | 12.12     | 11.37      | 1/4        | 3/8         | 6.7     |                      | 1060    |         | 2180    |
| M6JM-H023-IAA-177 | ASE14C4E-IAA-103     | 14.11      | 11.45     | 11.37      | 1/4        | 3/8         | 6.7     |                      | 1060    |         | 2180    |
| M6JM-H023-IAA-078 | ASE14C4E-IAA-103     | 14.13      | 12.12     | 11.37      | 1/4        | 3/8         | 6.7     |                      | 1060    |         | 2180    |
| M6ZM-0032-IAA-179 | ASE24C5E-IAA-103     | 16.18      | 13.32     | 11.73      | 1/4        | 5/16        | 8.6     |                      | 1340    |         | 3080    |
| M6ZM-0032-IAA-272 | ASE24C5E-IAA-103     | 16.58      | 13.09     | 11.71      | 1/4        | 5/16        | 8.6     |                      | 1340    |         | 3080    |
| M6QM-H049-IAA-272 | ASE39C5E-IAA-103     | 15.67      | 12.12     | 11.37      | 1/4        | 5/16        | 13.4    |                      | 2490    |         | 4250    |
| M6QM-H049-IAA-272 | ASE39C5E-IAA-103     | 15.67      | 12.12     | 11.37      | 1/4        | 5/16        | 13.4    |                      | 2490    |         | 4250    |
| M6JM-H043-IAA-177 | ASE39C5E-IAA-103     | 14.39      | 11.45     | 11.37      | 1/4        | 3/8         | 13.2    |                      |         |         | 4170    |
| M6JM-H043-IAA-179 | ASE39C5E-IAA-103     | 13.96      | 11.46     | 9.67       | 1/4        |             | 13.2    |                      |         |         | 4170    |
| M6QM-H049-IAA-272 | ASE39C5E-IAA-103     | 15.67      | 12.12     | 11.37      | 1/4        | 5/16        | 13.4    |                      | 2490    |         | 4250    |
| M6QM-H049-IAA-272 | ASE39C5E-IAA-103     | 15.67      | 12.12     | 11.37      | 1/4        | 5/16        | 13.4    |                      | 2490    |         | 4250    |
| M6QM-H049-IAA-272 | ASE39C5E-IAA-103     | 15.67      | 12.12     | 11.37      | 1/4        | 5/16        | 13.4    |                      | 2490    |         | 4250    |
| M6QM-H049-IAA-272 | ASE39C5E-IAA-103     | 15.67      | 12.12     | 11.37      | 1/4        | 5/16        | 13.4    |                      | 2490    |         | 4250    |
| M6QM-H049-CAV-078 | ASE39C5E-CAV-103     | 15.66      | 12.01     | 11.37      | 1/4        | 5/16        | 7.7     |                      | 2490    |         | 4250    |
| M6QM-H049-CAV-078 | ASE39C5E-CAV-103     | 15.66      | 12.01     | 11.37      | 1/4        | 5/16        | 7.7     |                      | 2490    |         | 4250    |
| M6QM-H049-CAV-078 | ASE39C5E-CAV-103     | 15.66      | 12.01     | 11.37      | 1/4        | 5/16        | 7.7     |                      | 2490    |         | 4250    |

## Copeland to Copeland Cross Reference

| Old Model         | Compressor Model | Length | Width | Height | Liquid Conn. | Suction Conn. | MCA  | Old Rated Capacities |         |         |         |
|-------------------|------------------|--------|-------|--------|--------------|---------------|------|----------------------|---------|---------|---------|
|                   |                  |        |       |        |              |               |      | LT_134A              | LT_404A | MT_134A | MT_404A |
| M4FH-0050-CAV-212 | ASE32C3E-CAV-103 | 16.06  | 13.08 | 11.81  | 1/4          | 3/8           | 6.7  |                      |         |         | 4380    |
| M4FH-0050-CAV-272 | ASE32C3E-CAV-103 | 16.25  | 13.08 | 11.67  | 1/4          | 3/8           | 6.7  |                      |         |         | 4380    |
| M4FH-0052-CAV-045 | ASE32C3E-CAV-103 | 28.90  | 18.20 | 15.40  | 5/8          | 1 1/16        | 7.3  |                      |         |         |         |
| M4FH-A036-IAA-020 | ASE24C3E-IAA-103 |        |       |        |              |               | 8.4  |                      |         |         | 3370    |
| M4FH-A036-IAA-045 | ASE24C3E-IAA-103 | 24.40  | 18.60 | 12.60  | 5/8          | 1 1/16        | 8.4  |                      |         |         | 3370    |
| M4FH-A036-IAA-060 | ASE24C3E-IAA-103 | 16.00  | 13.30 | 11.78  | 1/4          | 3/8           | 8.4  |                      |         |         | 3370    |
| M4FH-A036-IAA-103 | ASE24C3E-IAA-103 | 16.06  | 12.87 | 11.78  | 1/4          | 3/8           | 8.4  |                      |         |         | 3370    |
| M4FH-A036-IAA-111 | ASE24C3E-IAA-103 | 16.06  | 12.68 | 11.78  | 1/4          | 3/8           | 8.4  |                      |         |         | 3370    |
| M4FH-A036-IAA-123 | ASE24C3E-IAA-103 | 16.00  | 12.90 | 11.70  | 1/4          | 3/8           | 8.4  |                      |         |         | 3370    |
| M4FH-A036-IAA-141 | ASE24C3E-IAA-103 | 22.94  | 14.45 | 11.78  | 1/4          | 3/8           | 8.4  |                      |         |         | 3370    |
| M4FH-A036-IAA-160 | ASE24C3E-IAA-103 | 16.00  | 13.30 | 11.78  | 1/4          | 3/8           | 8.4  |                      |         |         | 3370    |
| M4FH-A036-IAA-208 | ASE24C3E-IAA-103 | 16.06  | 13.07 | 11.78  | 1/4          | 3/8           | 8.4  |                      |         |         | 3370    |
| M4FH-A036-IAA-212 | ASE24C3E-IAA-103 | 16.06  | 15.29 | 11.78  | 1/4          | 3/8           | 8.4  |                      |         |         | 3370    |
| M4FH-A036-IAA-243 | ASE24C3E-IAA-103 | 16.00  | 15.82 | 11.91  | 1/4          | 3/8           | 8.4  |                      |         |         | 3370    |
| M4FH-A036-IAA-252 | ASE24C3E-IAA-103 | 16.00  | 13.10 | 11.70  | 1/4          | 3/8           | 8.4  |                      |         |         | 3370    |
| M4FH-A036-IAA-272 | ASE24C3E-IAA-103 | 16.30  | 13.10 | 11.70  | 1/4          | 3/8           | 8.4  |                      |         |         | 3370    |
| M4FH-A036-IAB-252 | ASE24C3E-IAV-103 | 16.10  | 13.10 | 11.70  | 1/4          | 3/8           | 5.7  |                      |         |         | 3370    |
| M4FH-A036-IAV-040 | ASE24C3E-IAV-103 | 17.40  | 18.10 | 11.70  | 5/8          | 1 1/16        | 5.9  |                      |         |         | 3370    |
| M4FH-A036-IAV-041 | ASE24C3E-IAV-103 | 16.00  | 16.10 | 11.70  | 1/4          | 3/8           | 5.9  |                      |         |         | 3370    |
| M4FH-A036-IAV-043 | ASE24C3E-IAV-103 | 24.40  | 16.40 | 12.20  | 5/8          | 1 1/16        | 5.9  |                      |         |         | 3370    |
| M4FH-A036-IAV-103 | ASE24C3E-IAV-103 | 16.06  | 12.87 | 11.78  | 1/4          | 3/8           | 5.9  |                      |         |         | 3370    |
| M4FH-A036-IAV-140 | ASE24C3E-IAV-103 | 16.00  | 16.07 | 11.78  | 1/4          | 3/8           | 5.9  |                      |         |         | 3370    |
| M4FH-A036-IAV-208 | ASE24C3E-IAV-103 | 16.06  | 13.07 | 11.80  | 1/4          | 3/8           | 5.9  |                      |         |         | 3370    |
| M4FH-A036-IAV-212 | ASE24C3E-IAV-103 | 16.06  | 13.07 | 11.78  | 1/4          | 3/8           | 5.9  |                      |         |         | 3370    |
| M4FH-A036-IAV-272 | ASE24C3E-IAV-103 | 16.30  | 13.08 | 11.73  | 1/4          | 3/8           | 5.9  |                      |         |         | 3370    |
| M4FH-E025-IAA-212 | ASE19C3E-IAA-103 | 13.95  | 11.81 | 9.70   | 1/4          | 3/8           | 10.6 |                      |         |         |         |
| M4FH-E036-IAA-020 | ASE24C3E-IAA-103 | 16.48  | 13.44 | 11.70  | 1/4          | 3/8           | 8.1  |                      |         |         | 3200    |
| M4FH-E036-IAA-072 | ASE24C3E-IAA-103 | 16.31  | 13.08 | 11.74  | 1/4          | 3/8           | 8.1  |                      |         |         | 3200    |
| M4FH-E036-IAA-212 | ASE24C3E-IAA-103 | 16.18  | 13.11 | 11.73  | 1/4          | 3/8           | 8.1  |                      |         |         | 3200    |
| M4FH-E036-IAV-020 | ASE24C3E-IAV-103 | 16.57  | 13.85 | 12.05  | 1/4          | 3/8           | 5.8  |                      |         |         | 3200    |
| M4FH-E040-IAA-040 | ASE24C3E-IAA-103 | 19.82  | 18.56 | 14.61  | 3/8          | 3/8           | 8.9  |                      |         |         |         |
| M4FH-E050-CAA-212 | ASE32C3E-CAA-103 | 16.18  | 13.08 | 11.73  | 1/4          | 3/8           | 12.1 |                      |         |         | 4300    |
| M4FH-E050-CAV-212 | ASE32C3E-CAV-103 | 16.18  | 13.08 | 11.73  | 1/4          | 3/8           | 6.7  |                      |         |         | 4300    |
| M4FL-0033-IAA-017 | AFE11C3E-IAA-103 | 13.90  | 11.70 | 9.60   | 1/4          | 3/8           | 7.7  |                      | 1390    |         |         |
| M4FL-0033-IAA-020 | AFE11C3E-IAA-103 | 13.80  | 11.80 | 9.70   | 1/4          | 3/8           | 7.7  |                      | 1390    |         |         |
| M4FL-0033-IAA-021 | AFE11C3E-IAA-103 | 13.90  | 11.55 | 9.98   | 1/4          | 5/16          | 7.7  |                      | 1390    |         |         |
| M4FL-0033-IAA-022 | AFE11C3E-IAA-103 | 13.90  | 11.94 | 9.62   | 1/4          | 3/8           | 7.7  |                      | 1390    |         |         |
| M4FL-0033-IAA-072 | AFE11C3E-IAA-103 | 14.42  | 12.80 | 11.36  | 1/4          | 3/8           | 7.7  |                      | 1390    |         |         |
| M4FL-0033-IAA-102 | AFE11C3E-IAA-103 |        |       |        |              |               | 7.7  |                      | 1390    |         |         |
| M4FL-0033-IAA-103 | AFE11C3E-IAA-103 | 13.80  | 11.80 | 9.70   | 1/4          | 3/8           | 7.7  |                      | 1390    |         |         |
| M4FL-0033-IAA-111 | AFE11C3E-IAA-103 | 13.80  | 11.80 | 9.70   | 1/4          | 3/8           | 7.7  |                      | 1390    |         |         |
| M4FL-0033-IAA-122 | AFE11C3E-IAA-103 | 13.80  | 11.30 | 9.70   | 1/4          | 5/16          | 7.7  |                      | 1390    |         |         |
| M4FL-0033-IAA-123 | AFE11C3E-IAA-103 | 13.90  | 11.50 | 9.70   | 1/4          | 3/8           | 7.7  |                      | 1390    |         |         |
| M4FL-0033-IAA-149 | AFE11C3E-IAA-103 | 14.02  | 11.92 | 9.62   | 1/4          | 3/8           | 7.7  |                      | 1390    |         |         |
| M4FL-0033-IAA-241 | AFE11C3E-IAA-103 | 13.85  | 12.05 | 9.67   | 1/4          | 3/8           | 7.7  |                      | 1390    |         |         |
| M4FL-0033-IAV-021 | AFE11C3E-IAV-103 |        |       |        |              |               | 3.4  |                      | 1390    |         |         |
| M4FL-0033-IAV-072 | AFE11C3E-IAV-103 |        |       |        |              |               | 3.4  |                      | 1390    |         |         |
| M4FL-0033-IAV-102 | AFE11C3E-IAV-103 |        |       |        |              |               | 3.4  |                      | 1390    |         |         |
| M4FL-0033-IAV-321 | AFE11C3E-IAV-103 |        |       |        |              |               | 3.4  |                      | 1390    |         |         |
| M4FL-0039-IAA-021 | AFE13C3E-IAA-103 | 16.64  | 12.16 | 9.73   | 1/4          | 3/8           | 8.9  |                      | 1980    |         |         |
| M4FL-0039-IAA-221 | AFE13C3E-IAA-103 | 18.19  | 12.09 | 10.55  | 1/4          | 3/8           | 8.9  |                      | 1980    |         |         |
| M4FL-0040-IAA-044 | AFE13C3E-IAA-103 | 24.40  | 19.60 | 12.60  | 5/8          | 1 1/16        | 8.9  |                      | 2040    |         |         |
| M4FL-0040-IAA-103 | AFE13C3E-IAA-103 | 16.06  | 12.68 | 11.78  | 1/4          | 3/8           | 8.9  |                      | 2040    |         |         |
| M4FL-0040-IAA-111 | AFE13C3E-IAA-103 | 16.06  | 12.52 | 11.78  | 1/4          | 3/8           | 8.9  |                      | 2040    |         |         |
| M4FL-0040-IAA-122 | AFE13C3E-IAA-103 | 16.10  | 12.70 | 11.70  | 1/4          | 5/16          | 8.9  |                      | 2040    |         |         |
| M4FL-0040-IAA-208 | AFE13C3E-IAA-103 | 16.06  | 13.07 | 11.78  | 1/4          | 3/8           | 8.9  |                      | 2040    |         |         |
| M4FL-0040-IAA-212 | AFE13C3E-IAA-103 | 16.06  | 13.07 | 11.78  | 1/4          | 3/8           | 8.9  |                      | 2040    |         |         |
| M4FL-0040-IAA-240 | AFE13C3E-IAA-103 | 16.06  | 13.08 | 11.78  | 1/4          | 5/16          | 8.9  |                      | 2040    |         |         |
| M4FL-0040-IAA-270 | AFE13C3E-IAA-103 | 17.47  | 14.87 | 11.72  | 1/4          | 3/8           | 8.9  |                      | 2040    |         |         |
| M4FL-0040-IAA-272 | AFE13C3E-IAA-103 | 16.25  | 13.08 | 11.67  | 1/4          | 3/8           | 8.9  |                      | 2040    |         |         |
| M4FL-0040-IAV-021 | AFE13C3E-IAV-103 |        |       |        |              |               | 4.6  |                      | 2040    |         |         |
| M4FL-0040-IAV-103 | AFE13C3E-IAV-103 | 16.10  | 13.00 | 11.70  | 1/4          | 3/8           | 4.6  |                      | 2040    |         |         |

| New Model         | New Compressor Model | New Length | New Width | New Height | New Liquid | New Suction | New MCA | New Rated Capacities |         |         |         |
|-------------------|----------------------|------------|-----------|------------|------------|-------------|---------|----------------------|---------|---------|---------|
|                   |                      |            |           |            |            |             |         | LT_134a              | LT_404A | MT_134a | MT_404A |
| M6QM-H049-CAV-078 | ASE39C5E-CAV-103     | 15.66      | 12.01     | 11.37      | 1/4        | 5/16        | 7.7     |                      | 2490    |         | 4250    |
| M6QM-H049-CAV-078 | ASE39C5E-CAV-103     | 15.66      | 12.01     | 11.37      | 1/4        | 5/16        | 7.7     |                      | 2490    |         | 4250    |
| M6QM-H049-CAV-078 | ASE39C5E-CAV-103     | 15.66      | 12.01     | 11.37      | 1/4        | 5/16        | 7.7     |                      | 2490    |         | 4250    |
| M6QM-H031-IAA-078 | ASE20C4E-IAA-103     | 15.39      | 12.12     | 11.37      | 1/4        | 5/16        | 8.4     |                      | 1240    |         | 2790    |
| M6ZM-0032-IAA-272 | ASE24C5E-IAA-103     | 16.58      | 13.09     | 11.71      | 1/4        | 5/16        | 8.6     |                      | 1340    |         | 3080    |
| M6ZM-0032-IAA-272 | ASE24C5E-IAA-103     | 16.58      | 13.09     | 11.71      | 1/4        | 5/16        | 8.6     |                      | 1340    |         | 3080    |
| M6ZM-0032-IAA-177 | ASE24C5E-IAA-103     | 16.58      | 12.68     | 11.73      | 1/4        | 5/16        | 8.6     |                      | 1340    |         | 3080    |
| M6ZM-0032-IAA-179 | ASE24C5E-IAA-103     | 16.18      | 13.32     | 11.73      | 1/4        | 5/16        | 8.6     |                      | 1340    |         | 3080    |
| M6ZM-0032-IAA-177 | ASE24C5E-IAA-103     | 16.58      | 12.68     | 11.73      | 1/4        | 5/16        | 8.6     |                      | 1340    |         | 3080    |
| M6ZM-0032-IAA-177 | ASE24C5E-IAA-103     | 16.58      | 12.68     | 11.73      | 1/4        | 5/16        | 8.6     |                      | 1340    |         | 3080    |
| M6ZM-0032-IAA-272 | ASE24C5E-IAA-103     | 16.58      | 13.09     | 11.71      | 1/4        | 5/16        | 8.6     |                      | 1340    |         | 3080    |
| M6ZM-0032-IAA-179 | ASE24C5E-IAA-103     | 16.18      | 13.32     | 11.73      | 1/4        | 5/16        | 8.6     |                      | 1340    |         | 3080    |
| M6ZM-0032-IAA-177 | ASE24C5E-IAA-103     | 16.58      | 12.68     | 11.73      | 1/4        | 5/16        | 8.6     |                      | 1340    |         | 3080    |
| M6ZM-0032-IAA-272 | ASE24C5E-IAA-103     | 16.58      | 13.09     | 11.71      | 1/4        | 5/16        | 8.6     |                      | 1340    |         | 3080    |
| M6ZM-0032-IAA-272 | ASE24C5E-IAA-103     | 16.58      | 13.09     | 11.71      | 1/4        | 5/16        | 8.6     |                      | 1340    |         | 3080    |
| M6ZM-0032-IAA-177 | ASE24C5E-IAA-103     | 16.58      | 12.68     | 11.73      | 1/4        | 5/16        | 8.6     |                      | 1340    |         | 3080    |
| M6ZM-0025-IAV-078 | ASE20C4E-IAV-103     | 16.52      | 13.07     | 11.71      | 1/4        | 5/16        | 4.4     |                      | 1240    |         | 2910    |
| M6ZM-0025-IAV-078 | ASE20C4E-IAV-103     | 16.52      | 13.07     | 11.71      | 1/4        | 5/16        | 4.4     |                      | 1240    |         | 2910    |
| M6ZM-0025-IAV-078 | ASE20C4E-IAV-103     | 16.52      | 13.07     | 11.71      | 1/4        | 5/16        | 4.4     |                      | 1240    |         | 2910    |
| M6ZM-0025-IAV-078 | ASE20C4E-IAV-103     | 16.52      | 13.07     | 11.71      | 1/4        | 5/16        | 4.4     |                      | 1240    |         | 2910    |
| M6ZM-0025-IAV-177 | ASE20C4E-IAV-103     | 16.58      | 12.68     | 11.73      | 1/4        | 5/16        | 4.4     |                      | 1240    |         | 2910    |
| M6ZM-0025-IAV-078 | ASE20C4E-IAV-103     | 16.52      | 13.07     | 11.71      | 1/4        | 5/16        | 4.4     |                      | 1240    |         | 2910    |
| M6ZM-0025-IAV-179 | ASE20C4E-IAV-103     | 16.18      | 13.32     | 11.73      | 1/4        | 5/16        | 4.4     |                      | 1240    |         | 2910    |
| M6ZM-0025-IAV-177 | ASE20C4E-IAV-103     | 16.58      | 12.68     | 11.73      | 1/4        | 5/16        | 4.4     |                      | 1240    |         | 2910    |
| M6ZM-0025-IAV-177 | ASE20C4E-IAV-103     | 16.58      | 12.68     | 11.73      | 1/4        | 5/16        | 4.4     |                      | 1240    |         | 2910    |
| M6JM-H023-IAA-078 | ASE14C4E-IAA-103     | 14.13      | 12.12     | 11.37      | 1/4        | 3/8         | 6.7     |                      | 1060    |         | 2180    |
| M6JM-H028-CAA-078 | ASE20C4E-CAA-103     | 14.13      | 12.01     | 11.37      | 1/4        | 3/8         | 7.5     |                      | 1230    |         | 2730    |
| M6JM-H028-CAA-078 | ASE20C4E-CAA-103     | 14.13      | 12.01     | 11.37      | 1/4        | 3/8         | 7.5     |                      | 1230    |         | 2730    |
| M6JM-H028-CAA-078 | ASE20C4E-CAA-103     | 14.13      | 12.01     | 11.37      | 1/4        | 3/8         | 7.5     |                      | 1230    |         | 2730    |
| M6ZM-0025-IAV-078 | ASE20C4E-IAV-103     | 16.52      | 13.07     | 11.71      | 1/4        | 5/16        | 4.4     |                      | 1240    |         | 2910    |
| M6ZM-0032-IAA-272 | ASE24C5E-IAA-103     | 16.58      | 13.09     | 11.71      | 1/4        | 5/16        | 8.6     |                      | 1340    |         | 3080    |
| Obsolete          |                      |            |           |            |            |             |         |                      |         |         |         |
| M6QM-H049-CAV-078 | ASE39C5E-CAV-103     | 15.66      | 12.01     | 11.37      | 1/4        | 5/16        | 7.7     |                      | 2490    |         | 4250    |
| M6JL-H030-IAA-078 | AFE11C4E-IAA-103     | 14.13      | 12.12     | 11.37      | 1/4        | 3/8         | 5.9     |                      | 1240    |         |         |
| M6JL-H030-IAA-078 | AFE11C4E-IAA-103     | 14.13      | 12.12     | 11.37      | 1/4        | 3/8         | 5.9     |                      | 1240    |         |         |
| M6JL-H030-IAA-078 | AFE11C4E-IAA-103     | 14.13      | 12.12     | 11.37      | 1/4        | 3/8         | 5.9     |                      | 1240    |         |         |
| M6JL-H030-IAA-078 | AFE11C4E-IAA-103     | 14.13      | 12.12     | 11.37      | 1/4        | 3/8         | 5.9     |                      | 1240    |         |         |
| M6JL-H030-IAA-078 | AFE11C4E-IAA-103     | 14.13      | 12.12     | 11.37      | 1/4        | 3/8         | 5.9     |                      | 1240    |         |         |
| M6JL-H030-IAA-179 | AFE11C4E-IAA-103     | 13.91      | 11.46     | 9.67       | 1/4        |             | 5.9     |                      | 1240    |         |         |
| M6JL-H030-IAA-177 | AFE11C4E-IAA-103     | 14.11      | 11.45     | 11.37      | 1/4        | 3/8         | 5.9     |                      | 1240    |         |         |
| M6JL-H030-IAA-179 | AFE11C4E-IAA-103     | 13.91      | 11.46     | 9.67       | 1/4        |             | 5.9     |                      | 1240    |         |         |
| M6JL-H030-IAA-179 | AFE11C4E-IAA-103     | 13.91      | 11.46     | 9.67       | 1/4        |             | 5.9     |                      | 1240    |         |         |
| M6JL-H030-IAA-177 | AFE11C4E-IAA-103     | 14.11      | 11.45     | 11.37      | 1/4        | 3/8         | 5.9     |                      | 1240    |         |         |
| M6JL-H030-IAA-177 | AFE11C4E-IAA-103     | 14.11      | 11.45     | 11.37      | 1/4        | 3/8         | 5.9     |                      | 1240    |         |         |
| M6JL-H030-IAA-078 | AFE11C4E-IAA-103     | 14.13      | 12.12     | 11.37      | 1/4        | 3/8         | 5.9     |                      | 1240    |         |         |
| M6JL-0039-IAV-078 | AFE17C4E-IAV-103     | 14.41      | 12.12     | 11.37      | 1/4        | 3/8         | 5.6     |                      | 1620    |         |         |
| M6JL-0039-IAV-078 | AFE17C4E-IAV-103     | 14.41      | 12.12     | 11.37      | 1/4        | 3/8         | 5.6     |                      | 1620    |         |         |
| M6JL-0039-IAV-179 | AFE17C4E-IAV-103     | 13.96      | 11.46     | 9.61       | 1/4        | 3/8         | 5.6     |                      | 1620    |         |         |
| M6JL-0039-IAV-078 | AFE17C4E-IAV-103     | 14.41      | 12.12     | 11.37      | 1/4        | 3/8         | 5.6     |                      | 1620    |         |         |
| M6JL-H048-IAA-272 | AFE17C4E-IAA-103     | 14.41      | 12.12     | 11.37      | 1/4        | 3/8         | 10.4    |                      | 1940    |         |         |
| M6JL-H048-IAA-272 | AFE17C4E-IAA-103     | 14.41      | 12.12     | 11.37      | 1/4        | 3/8         | 10.4    |                      | 1940    |         |         |
| M6ZL-0042-IAA-272 | AFE14C5E-IAA-103     | 16.58      | 13.09     | 11.71      | 1/4        | 5/16        | 8.4     |                      | 1780    |         |         |
| M6ZL-0042-IAA-177 | AFE14C5E-IAA-103     | 16.58      | 12.68     | 11.73      | 1/4        | 5/16        | 8.4     |                      | 1780    |         |         |
| M6ZL-0042-IAA-179 | AFE14C5E-IAA-103     | 16.18      | 13.32     | 11.73      | 1/4        | 5/16        | 8.4     |                      | 1780    |         |         |
| M6ZL-0042-IAA-179 | AFE14C5E-IAA-103     | 16.18      | 13.32     | 11.73      | 1/4        | 5/16        | 8.4     |                      | 1780    |         |         |
| M6ZL-0042-IAA-179 | AFE14C5E-IAA-103     | 16.18      | 13.32     | 11.73      | 1/4        | 5/16        | 8.4     |                      | 1780    |         |         |
| M6ZL-0042-IAA-177 | AFE14C5E-IAA-103     | 16.58      | 12.68     | 11.73      | 1/4        | 5/16        | 8.4     |                      | 1780    |         |         |
| M6ZL-0042-IAA-177 | AFE14C5E-IAA-103     | 16.58      | 12.68     | 11.73      | 1/4        | 5/16        | 8.4     |                      | 1780    |         |         |
| M6ZL-0042-IAA-272 | AFE14C5E-IAA-103     | 16.58      | 13.09     | 11.71      | 1/4        | 5/16        | 8.4     |                      | 1780    |         |         |
| M6ZL-0042-IAA-177 | AFE14C5E-IAA-103     | 16.58      | 12.68     | 11.73      | 1/4        | 5/16        | 8.4     |                      | 1780    |         |         |
| M6ZL-0042-IAV-078 | AFE14C5E-IAV-103     | 16.58      | 13.09     | 11.71      | 1/4        | 5/16        | 4.4     |                      | 1780    |         |         |
| M6ZL-0042-IAV-177 | AFE14C5E-IAV-103     | 16.58      | 12.68     | 11.73      | 1/4        | 5/16        | 4.4     |                      | 1780    |         |         |

# Copeland to Copeland Cross Reference

| Old Model         | Compressor Model | Length | Width | Height | Liquid Conn. | Suction Conn. | MCA  | Old Rated Capacities |         |         |         |
|-------------------|------------------|--------|-------|--------|--------------|---------------|------|----------------------|---------|---------|---------|
|                   |                  |        |       |        |              |               |      | LT_134A              | LT_404A | MT_134A | MT_404A |
| M4FL-0040-IAV-121 | AFE13C3E-IAV-103 |        |       |        |              |               | 4.6  |                      | 2040    |         |         |
| M4FL-0040-IAV-212 | AFE13C3E-IAV-103 | 16.06  | 13.07 | 11.78  | 1/4          | 3/8           | 4.6  |                      | 2040    |         |         |
| M4FL-0040-IAV-272 | AFE13C3E-IAV-103 | 16.25  | 13.08 | 11.67  | 1/4          | 3/8           | 4.6  |                      | 2040    |         |         |
| M4FL-0049-IAA-141 | AFE13C3E-IAA-103 | 20.77  | 15.16 | 11.85  | 1/4          | 1/4           | 9.7  |                      | 2030    |         |         |
| M4FL-0074-CFA-214 | RST80C1E-PFA-150 | 17.38  | 14.39 | 12.10  | 1/4          | 1/2           | 24.5 |                      | 4570    |         |         |
| M4FL-0094-CFA-141 | RFT42C1E-PFA-102 | 17.80  | 15.30 | 12.00  | 1/4          | 3/8           | 21.1 |                      | 4640    |         |         |
| M4FL-0094-CFV-141 | RFT42C1E-PFV-102 | 17.76  | 14.39 | 12.00  | 1/4          | 1/2           | 11   |                      | 4640    |         |         |
| M4FL-A053-IAA-140 | RFT22C1E-IAA-102 | 16.80  | 13.90 | 11.70  | 1/4          | 3/8           | 11.7 |                      | 2540    |         |         |
| M4FL-A067-CAA-103 | RFT26C1E-CAA-102 | 17.40  | 14.00 | 11.80  | 1/4          | 1/2           | 15.1 |                      | 3170    |         |         |
| M4FL-A067-CAA-111 | RFT26C1E-CAA-102 | 17.80  | 14.00 | 11.80  | 1/4          | 1/2           | 15.1 |                      | 3170    |         |         |
| M4FL-A067-CAA-212 | RFT26C1E-CAA-102 | 17.80  | 14.00 | 11.80  | 1/4          | 1/2           | 15.1 |                      | 3170    |         |         |
| M4FL-A067-CAA-240 | RFT26C1E-CAA-102 | 17.80  | 14.50 | 11.80  | 1/4          | 3/8           | 15.1 |                      | 3170    |         |         |
| M4FL-A067-CAA-252 | RFT26C1E-CAA-102 | 17.38  | 14.38 | 11.82  | 1/4          | 1/2           | 15.1 |                      | 3170    |         |         |
| M4FL-A067-CAA-272 | RFT26C1E-CAA-102 | 17.70  | 14.50 | 11.80  | 1/4          | 1/2           | 15.1 |                      | 3170    |         |         |
| M4FL-A067-CAV-141 | RFT26C1E-CAV-104 | 21.40  | 15.20 | 11.90  | 1/4          | 3/8           | 9    |                      | 3170    |         |         |
| M4FL-A067-CAV-212 | RFT26C1E-CAV-104 | 17.80  | 14.50 | 11.80  | 1/4          | 1/2           | 9    |                      | 3170    |         |         |
| M4FL-A067-CAV-272 | RFT26C1E-CAV-104 | 17.70  | 14.50 | 11.80  | 1/4          | 1/2           | 9    |                      | 3170    |         |         |
| M4FL-A067-IAA-044 | RFT26C1E-IAA-102 | 26.40  | 19.10 | 12.60  | 5/8          | 1 1/16        | 15.1 |                      | 3170    |         |         |
| M4FL-A067-IAA-045 | RFT26C1E-IAA-102 | 26.37  | 19.05 | 12.61  | 5/8          |               | 15.1 |                      | 3170    |         |         |
| M4FL-A070-CAA-172 | RFT29C1E-CAA-102 | 17.38  | 14.46 | 11.82  | 1/4          | 3/8           | 18   |                      | 3610    |         |         |
| M4FL-H025-IAA-020 | AFE08C4E-IAA-103 | 13.98  | 11.80 | 9.60   | 1/4          | 3/8           | 5.6  |                      | 876     |         |         |
| M4FL-H025-IAA-072 | AFE08C4E-IAA-103 | 14.50  | 12.80 | 11.40  | 1/4          | 3/8           | 5.6  |                      | 876     |         |         |
| M4FL-H025-IAA-121 | AFE08C4E-IAA-103 |        |       |        |              |               | 5.6  |                      | 876     |         |         |
| M4FL-H025-IAA-122 | AFE08C4E-IAA-103 | 13.94  | 11.48 | 9.67   | 1/4          | 5/16          | 5.6  |                      | 876     |         |         |
| M4FL-H025-IAA-123 | AFE08C4E-IAA-103 |        |       |        |              |               | 5.6  |                      | 876     |         |         |
| M4FL-H025-IAA-141 | AFE08C4E-IAA-103 | 14.02  | 11.92 | 9.62   | 1/4          | 3/8           | 5.6  |                      | 876     |         |         |
| M4FL-H025-IAA-160 | AFE08C4E-IAA-103 |        |       |        |              |               | 5.6  |                      | 876     |         |         |
| M4FL-H033-IAA-121 | AFE11C4E-IAA-103 |        |       |        |              |               | 6    |                      | 1260    |         |         |
| M4FL-H033-IAA-149 | AFE11C4E-IAA-103 | 14.00  | 11.90 | 9.60   | 1/4          | 3/8           | 6    |                      | 1260    |         |         |
| M4FL-H038-IAA-121 | AFE13C4E-IAA-103 | 15.60  | 11.80 | 9.70   | 1/4          | 5/16          | 7.5  |                      |         |         |         |
| M4FL-H039-IAA-160 | AFE13C4E-IAA-103 |        |       |        |              |               | 7.5  |                      | 1610    |         |         |
| M4FL-H047-IAA-121 | AFE17C4E-IAA-103 | 15.60  | 11.82 | 9.65   | 1/4          | 5/16          | 10.3 |                      | 2040    |         |         |
| M4FL-H047-IAA-160 | AFE17C4E-IAA-103 |        |       |        |              |               | 10.3 |                      | 2040    |         |         |
| M4FL-H048-IAA-221 | AFE17C4E-IAA-103 | 18.20  | 12.10 | 10.50  | 1/4          | 3/8           | 10.6 |                      | 2050    |         |         |
| M4FL-H050-IAA-140 | AFE17C4E-IAA-103 | 16.06  | 13.08 | 11.73  | 1/4          | 5/16          | 10.6 |                      | 2160    |         |         |
| M4FL-H050-IAA-141 | AFE17C4E-IAA-103 | 16.10  | 12.70 | 11.70  | 3/8          | 3/8           | 10.6 |                      | 2160    |         |         |
| M4FL-H051-IAA-103 | AFE17C4E-IAA-103 | 17.38  | 12.93 | 11.87  | 1/4          | 3/8           | 11.5 |                      | 2150    |         |         |
| M4FL-H051-IAA-141 | AFE17C4E-IAA-103 | 17.38  | 13.19 | 11.87  | 1/4          | 3/8           | 11.5 |                      | 2150    |         |         |
| M4FL-H051-IAA-212 | AFE17C4E-IAA-103 | 17.38  | 13.07 | 11.87  | 1/4          | 3/8           | 11.5 |                      | 2150    |         |         |
| M4FL-H051-IAA-252 | AFE17C4E-IAA-103 | 17.38  | 13.13 | 11.81  | 1/4          | 3/8           | 11.5 |                      | 2150    |         |         |
| M4FL-H051-IAA-272 | AFE17C4E-IAA-103 | 16.60  | 13.10 | 11.90  | 1/4          | 3/8           | 11.5 |                      | 2150    |         |         |
| M4FL-H051-IAV-272 | AFE17C4E-IAV-103 |        |       |        |              |               | 6    |                      | 2150    |         |         |
| M4FL-H052-IAA-146 | AFE17C4E-IAA-103 | 17.38  | 13.08 | 11.73  | 1/4          | 3/8           | 10.4 |                      | 2110    |         |         |
| M4FL-H055-IAA-2H7 | AFE17C4E-IAA-103 | 30.23  | 24.03 | 22.61  | 1/4          | 1/2           | 11.5 |                      |         |         |         |
| M4FM-E022-IAA-212 | ASE12C4E-IAA-103 | 13.98  | 11.80 | 9.60   | 1/4          | 3/8           | 5.4  |                      |         | 1640    |         |
| M4FM-H022-IAA-111 | ASE12C4E-IAA-103 |        |       |        |              |               | 5.5  |                      |         | 1640    |         |
| M4FM-H022-IAA-122 | ASE12C4E-IAA-103 | 13.97  | 11.47 | 9.67   | 1/4          | 5/16          | 5.5  |                      |         | 1640    |         |
| M4FM-H022-IAA-212 | ASE12C4E-IAA-103 | 13.98  | 11.80 | 9.60   | 1/4          | 3/8           | 5.5  |                      |         | 1640    |         |
| M4FM-H022-IAA-272 | ASE12C4E-IAA-103 | 14.50  | 12.70 | 11.40  | 1/4          | 3/8           | 5.5  |                      |         | 1640    |         |
| M4FM-H030-IAA-060 | ASE20C4E-IAA-103 |        |       |        |              |               | 8.4  |                      |         |         |         |
| M4PF-0050-IAA-140 | RST40C1E-IAA-104 |        |       |        |              |               | 12.1 |                      |         |         |         |
| M4PH-0025-IAA-060 | ASE19C3E-IAA-103 | 25.54  | 11.26 | 10.46  | 1/4          | 3/8           | 10.7 |                      |         | 2430    |         |
| M4PH-0025-IAA-111 | ASE19C3E-IAA-103 | 19.88  | 11.00 | 10.52  | 1/4          | 3/8           | 10.7 |                      |         | 2430    |         |
| M4PH-0025-IAA-146 | ASE19C3E-IAA-103 | 19.88  | 11.65 | 10.49  | 1/4          | 5/16          | 10.7 |                      |         | 2430    |         |
| M4PH-0025-IAA-147 | ASE19C3E-IAA-103 | 19.88  | 11.19 | 10.52  | 1/4          | 3/8           | 10.7 |                      |         | 2430    |         |
| M4PH-0025-IAA-208 | ASE19C3E-IAA-103 | 19.88  | 11.06 | 10.52  | 1/4          | 3/8           | 10.7 |                      |         | 2430    |         |
| M4PH-0025-IAA-212 | ASE19C3E-IAA-103 | 19.88  | 11.06 | 10.52  | 1/4          | 3/8           | 10.7 |                      |         | 2430    |         |
| M4PH-0049-CAA-208 | ASE32C3E-CAA-103 |        |       |        |              |               | 12.3 |                      |         | 4210    |         |
| M4PH-A035-IAA-060 | ASE24C3E-IAA-103 | 25.65  | 11.18 | 10.55  | 1/4          | 3/8           | 8.4  |                      |         | 3100    |         |
| M4PH-A035-IAA-111 | ASE24C3E-IAA-103 | 19.88  | 11.00 | 10.52  | 1/4          | 3/8           | 8.4  |                      |         | 3100    |         |
| M4PH-A035-IAA-146 | ASE24C3E-IAA-103 | 19.88  | 11.08 | 10.46  | 1/4          | 5/16          | 8.4  |                      |         | 3100    |         |
| M4PH-A035-IAA-212 | ASE24C3E-IAA-103 | 20.00  | 11.14 | 10.52  | 1/4          | 3/8           | 8.4  |                      |         | 3100    |         |



| New Model         | New Compressor Model | New Length | New Width | New Height | New Liquid | New Suction | New MCA | New Rated Capacities |         |         |         |
|-------------------|----------------------|------------|-----------|------------|------------|-------------|---------|----------------------|---------|---------|---------|
|                   |                      |            |           |            |            |             |         | LT_134a              | LT_404A | MT_134a | MT_404A |
| M6ZL-0042-IAV-179 | AFE14C5E-IAV-103     | 16.18      | 13.32     | 11.73      | 1/4        | 5/16        | 4.4     |                      | 1780    |         |         |
| M6ZL-0042-IAV-177 | AFE14C5E-IAV-103     | 16.58      | 12.68     | 11.73      | 1/4        | 5/16        | 4.4     |                      | 1780    |         |         |
| M6ZL-0042-IAV-177 | AFE14C5E-IAV-103     | 16.58      | 12.68     | 11.73      | 1/4        | 5/16        | 4.4     |                      | 1780    |         |         |
| M6GL-H057-IAA-272 | AFE17C4E-IAA-103     | 18.10      | 14.34     | 11.83      | 1/4        | 3/8         | 11.5    |                      | 2130    |         |         |
| M6ZP-H090-CFA-272 | RST80C1E-PFA-150     | 17.31      | 13.82     | 12.29      | 3/8        | 3/8         | 23.6    |                      | 4280    |         | 7680    |
| M6ZP-H090-CFA-272 | RST80C1E-PFA-150     | 17.31      | 13.82     | 12.29      | 3/8        | 3/8         | 23.6    |                      | 4280    |         | 7680    |
| M6GP-H103-CFV-272 | RST80C1E-PFV-150     | 18.83      | 14.34     | 12.29      | 3/8        | 1/2         | 12.6    |                      | 4670    |         | 8880    |
| M6ZL-H064-IAA-179 | RFT22C1E-IAA-102     | 16.60      | 14.15     | 11.71      | 1/4        |             | 10.9    |                      | 2660    |         |         |
| M6GL-H079-CAA-177 | RFT26C1E-CAA-102     | 18.86      | 14.34     | 11.79      | 3/8        |             | 15.1    |                      | 3280    |         |         |
| M6GL-H079-CAA-179 | RFT26C1E-CAA-102     | 18.10      | 14.34     | 11.79      | 1/4        |             | 15.1    |                      | 3280    |         |         |
| M6GL-H079-CAA-177 | RFT26C1E-CAA-102     | 18.86      | 14.34     | 11.79      | 3/8        |             | 15.1    |                      | 3280    |         |         |
| M6GL-H079-CAA-177 | RFT26C1E-CAA-102     | 18.86      | 14.34     | 11.79      | 3/8        |             | 15.1    |                      | 3280    |         |         |
| M6GL-H079-CAA-272 | RFT26C1E-CAA-102     | 18.86      | 14.34     | 11.79      | 3/8        |             | 15.1    |                      | 3280    |         |         |
| M6GL-H079-CAA-177 | RFT26C1E-CAA-102     | 18.86      | 14.34     | 11.79      | 3/8        |             | 15.1    |                      | 3280    |         |         |
| M6GL-H079-CAV-177 | RFT26C1E-CAV-104     | 18.86      | 14.34     | 11.79      | 3/8        |             | 9       |                      | 3280    |         |         |
| M6GL-H079-CAV-177 | RFT26C1E-CAV-104     | 18.86      | 14.34     | 11.79      | 3/8        |             | 9       |                      | 3280    |         |         |
| M6GL-H079-CAV-177 | RFT26C1E-CAV-104     | 18.86      | 14.34     | 11.79      | 3/8        |             | 9       |                      | 3280    |         |         |
| M6ZL-0078-IAA-272 | RFT26C1E-IAA-102     | 17.36      | 13.67     | 11.71      | 3/8        | 3/8         | 14.3    |                      | 3130    |         |         |
| M6ZL-0078-IAA-272 | RFT26C1E-IAA-102     | 17.36      | 13.67     | 11.71      | 3/8        | 3/8         | 14.3    |                      | 3130    |         |         |
| M6GP-H090-CFA-177 | RST64C1E-CFA-102     | 18.82      | 14.34     | 12.29      | 3/8        |             | 20      |                      | 4010    |         | 7580    |
| M6JL-0021-IAA-078 | AFE08C4E-IAA-103     | 14.13      | 12.12     | 11.37      | 1/4        | 3/8         | 5.5     |                      | 872     |         |         |
| M6JL-0021-IAA-078 | AFE08C4E-IAA-103     | 14.13      | 12.12     | 11.37      | 1/4        | 3/8         | 5.5     |                      | 872     |         |         |
| M6JL-0021-IAA-179 | AFE08C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 5.5     |                      | 872     |         |         |
| M6JL-0021-IAA-179 | AFE08C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 5.5     |                      | 872     |         |         |
| M6JL-0021-IAA-179 | AFE08C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 5.5     |                      | 872     |         |         |
| M6JL-0021-IAA-177 | AFE08C4E-IAA-103     | 14.10      | 11.45     | 11.37      | 1/4        | 5/16        | 5.5     |                      | 872     |         |         |
| M6JL-0021-IAA-179 | AFE08C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 5.5     |                      | 872     |         |         |
| M6JL-H030-IAA-179 | AFE11C4E-IAA-103     | 13.91      | 11.46     | 9.67       | 1/4        |             | 5.9     |                      | 1240    |         |         |
| M6JL-H030-IAA-177 | AFE11C4E-IAA-103     | 14.11      | 11.45     | 11.37      | 1/4        | 3/8         | 5.9     |                      | 1240    |         |         |
| M6JL-H041-IAA-177 | AFE14C5E-IAA-103     | 14.39      | 11.57     | 11.37      | 1/4        | 3/8         | 8.2     |                      | 1730    |         |         |
| M6JL-H041-IAA-177 | AFE14C5E-IAA-103     | 14.39      | 11.57     | 11.37      | 1/4        | 3/8         | 8.2     |                      | 1730    |         |         |
| M6JL-H052-IAA-177 | AFE20C5E-IAA-103     | 14.39      | 11.45     | 11.37      | 1/4        | 3/8         | 8.5     |                      | 2240    |         |         |
| M6JL-H052-IAA-179 | AFE20C5E-IAA-103     | 13.96      | 11.46     | 9.67       | 1/4        |             | 8.5     |                      | 2240    |         |         |
| M6JL-H052-IAA-272 | AFE20C5E-IAA-103     | 14.41      | 12.12     | 11.37      | 1/4        | 3/8         | 8.5     |                      | 2240    |         |         |
| M6JL-H052-IAA-179 | AFE20C5E-IAA-103     | 13.96      | 11.46     | 9.67       | 1/4        |             | 8.5     |                      | 2240    |         |         |
| M6JL-H052-IAA-179 | AFE20C5E-IAA-103     | 13.96      | 11.46     | 9.67       | 1/4        |             | 8.5     |                      | 2240    |         |         |
| M6ZL-0055-IAA-177 | AFE20C5E-IAA-103     | 16.58      | 12.68     | 11.73      | 1/4        | 5/16        | 8.8     |                      | 2350    |         |         |
| M6ZL-0055-IAA-177 | AFE20C5E-IAA-103     | 16.58      | 12.68     | 11.73      | 1/4        | 5/16        | 8.8     |                      | 2350    |         |         |
| M6ZL-0055-IAA-177 | AFE20C5E-IAA-103     | 16.58      | 12.68     | 11.73      | 1/4        | 5/16        | 8.8     |                      | 2350    |         |         |
| M6ZL-0055-IAA-272 | AFE20C5E-IAA-103     | 16.58      | 13.09     | 11.71      | 1/4        | 5/16        | 8.8     |                      | 2350    |         |         |
| M6ZL-0055-IAA-177 | AFE20C5E-IAA-103     | 16.58      | 12.68     | 11.73      | 1/4        | 5/16        | 8.8     |                      | 2350    |         |         |
| M6ZL-0055-IAV-177 | AFE20C5E-IAV-103     | 16.58      | 12.68     | 11.73      | 1/4        | 5/16        | 6       |                      | 2350    |         |         |
| M6ZL-0055-IAA-179 | AFE20C5E-IAA-103     | 16.18      | 13.32     | 11.73      | 1/4        | 5/16        | 8.8     |                      | 2350    |         |         |
| M6ZL-0055-IAA-177 | AFE20C5E-IAA-103     | 16.58      | 12.68     | 11.73      | 1/4        | 5/16        | 8.8     |                      | 2350    |         |         |
| M6JM-0017-IAA-177 | ASE12C4E-IAA-103     | 14.10      | 11.45     | 11.37      | 1/4        | 5/16        | 5.4     |                      | 785     |         | 1620    |
| M6JM-0017-IAA-179 | ASE12C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 5.4     |                      | 785     |         | 1620    |
| M6JM-0017-IAA-179 | ASE12C4E-IAA-103     | 13.91      | 11.46     | 9.61       | 1/4        | 3/8         | 5.4     |                      | 785     |         | 1620    |
| M6JM-0017-IAA-177 | ASE12C4E-IAA-103     | 14.10      | 11.45     | 11.37      | 1/4        | 5/16        | 5.4     |                      | 785     |         | 1620    |
| M6JM-0017-IAA-177 | ASE12C4E-IAA-103     | 14.10      | 11.45     | 11.37      | 1/4        | 5/16        | 5.4     |                      | 785     |         | 1620    |
| M6ZM-0031-IAA-272 | ASE20C4E-IAA-103     | 16.52      | 13.07     | 11.71      | 1/4        | 5/16        | 8.4     |                      | 1200    |         | 2810    |
| M6JM-H043-IAA-177 | ASE39C5E-IAA-103     | 14.39      | 11.45     | 11.37      | 1/4        | 3/8         | 13.2    |                      |         |         | 4170    |
| M6PM-0023-IAA-078 | ASE14C4E-IAA-103     | 19.90      | 11.16     | 10.65      | 1/4        | 5/16        | 6.7     |                      | 1060    |         | 2180    |
| M6PM-0023-IAA-179 | ASE14C4E-IAA-103     | 19.88      | 11.02     | 10.48      | 1/4        | 5/16        | 6.6     |                      | 1060    |         | 2180    |
| M6PM-0023-IAA-179 | ASE14C4E-IAA-103     | 19.88      | 11.02     | 10.48      | 1/4        | 5/16        | 6.6     |                      | 1060    |         | 2180    |
| M6PM-0023-IAA-177 | ASE14C4E-IAA-103     | 19.88      | 11.06     | 10.65      | 1/4        | 5/16        | 6.7     |                      | 1060    |         | 2180    |
| M6PM-0023-IAA-179 | ASE14C4E-IAA-103     | 19.88      | 11.02     | 10.48      | 1/4        | 5/16        | 6.6     |                      | 1060    |         | 2180    |
| M6PM-0023-IAA-177 | ASE14C4E-IAA-103     | 19.88      | 11.06     | 10.65      | 1/4        | 5/16        | 6.7     |                      | 1060    |         | 2180    |
| M6ZM-H054-IAA-272 | ASE39C5E-IAA-103     | 16.58      | 13.09     | 11.70      | 1/4        | 5/16        | 13.4    |                      | 2570    |         | 4680    |
| M6PM-0030-IAA-272 | ASE24C5E-IAA-103     | 19.86      | 11.16     | 11.16      | 1/4        | 5/16        | 8.4     |                      | 1290    |         | 2890    |
| M6PM-0030-IAA-179 | ASE24C5E-IAA-103     | 19.88      | 11.02     | 10.48      | 1/4        | 5/16        | 8.4     |                      | 1290    |         | 2890    |
| M6PM-0030-IAA-179 | ASE24C5E-IAA-103     | 19.88      | 11.02     | 10.48      | 1/4        | 5/16        | 8.4     |                      | 1290    |         | 2890    |
| M6PM-0030-IAA-177 | ASE24C5E-IAA-103     | 19.88      | 11.06     | 11.16      | 1/4        | 5/16        | 8.4     |                      | 1290    |         | 2890    |

## Copeland to Copeland Cross Reference

| Old Model         | Compressor Model | Length | Width | Height | Liquid Conn. | Suction Conn. | MCA  | Old Rated Capacities |         |         |         |
|-------------------|------------------|--------|-------|--------|--------------|---------------|------|----------------------|---------|---------|---------|
|                   |                  |        |       |        |              |               |      | LT_134A              | LT_404A | MT_134A | MT_404A |
| M4PH-A035-IAV-208 | ASE24C3E-IAV-103 | 20.00  | 11.01 | 10.52  | 1/4          | 3/8           | 5.9  |                      |         |         | 3100    |
| M4PH-A035-IAV-212 | ASE24C3E-IAV-103 | 20.00  | 11.18 | 10.52  | 1/4          | 3/8           | 5.9  |                      |         |         | 3100    |
| M4PH-E025-IAA-147 | ASE19C3E-IAA-103 | 19.88  | 11.08 | 10.52  | 1/4          | 3/8           | 10.6 |                      |         |         |         |
| M4PL-0033-IAA-020 | AFE11C3E-IAA-103 | 19.88  | 11.06 | 10.52  | 1/4          | 3/8           | 7.7  |                      | 1390    |         |         |
| M4PL-0039-IAA-103 | AFE13C3E-IAA-103 | 19.88  | 11.10 | 10.52  | 1/4          | 3/8           | 8.9  |                      | 1980    |         |         |
| M4PL-0039-IAA-111 | AFE13C3E-IAA-103 | 19.88  | 11.00 | 10.52  | 1/4          | 3/8           | 8.9  |                      | 1980    |         |         |
| M4PL-0039-IAA-141 | AFE13C3E-IAA-103 | 20.10  | 11.60 | 10.40  | 1/4          | 5/16          | 8.9  |                      | 1980    |         |         |
| M4PL-0039-IAA-208 | AFE13C3E-IAA-103 | 20.00  | 11.10 | 10.52  | 1/4          | 3/8           | 8.9  |                      | 1980    |         |         |
| M4PL-0039-IAA-212 | AFE13C3E-IAA-103 | 20.00  | 11.14 | 10.52  | 1/4          | 3/8           | 8.9  |                      | 1980    |         |         |
| M4PL-H050-IAA-103 | AFE17C4E-IAA-103 | 19.88  | 11.08 | 10.55  | 1/4          | 3/8           | 10.6 |                      | 2140    |         |         |
| M4PL-H050-IAA-121 | AFE17C4E-IAA-103 | 19.88  | 11.79 | 10.49  | 1/4          | 5/16          | 10.6 |                      | 2140    |         |         |
| M4PL-H050-IAA-122 | AFE17C4E-IAA-103 | 19.88  | 11.80 | 10.52  | 1/4          | 5/16          | 10.6 |                      | 2140    |         |         |
| M4PL-H050-IAA-123 | AFE17C4E-IAA-103 |        |       |        |              |               | 10.6 |                      | 2140    |         |         |
| M4PL-H050-IAA-124 | AFE17C4E-IAA-103 | 19.88  | 11.21 | 10.52  | 1/4          | 5/16          | 10.6 |                      | 2140    |         |         |
| M4PL-H050-IAA-140 | AFE17C4E-IAA-103 | 19.88  | 11.83 | 10.46  | 1/4          | 5/16          | 10.6 |                      | 2140    |         |         |
| M4PL-H050-IAA-141 | AFE17C4E-IAA-103 | 19.88  | 11.00 | 10.55  | 1/4          | 5/16          | 10.6 |                      | 2140    |         |         |
| M4PL-H050-IAA-146 | AFE17C4E-IAA-103 | 19.88  | 11.08 | 10.46  | 1/4          | 5/16          | 10.6 |                      | 2140    |         |         |
| M4PL-H050-IAA-160 | AFE17C4E-IAA-103 | 19.88  | 11.08 | 10.94  | 1/4          | 5/16          | 10.6 |                      | 2140    |         |         |
| M4PL-H050-IAA-212 | AFE17C4E-IAA-103 | 19.88  | 11.17 | 10.46  | 1/4          | 3/8           | 10.6 |                      | 2140    |         |         |
| M4PL-H050-IAA-240 | AFE17C4E-IAA-103 | 19.88  | 11.08 | 10.46  | 1/4          | 5/16          | 10.6 |                      | 2140    |         |         |
| M4PL-H050-IAA-241 | AFE17C4E-IAA-103 | 19.88  | 11.17 | 10.46  | 1/4          | 5/16          | 10.6 |                      | 2140    |         |         |
| M4PL-H050-IAV-122 | AFE17C4E-IAV-103 |        |       |        |              |               | 5.6  |                      | 2140    |         |         |
| M4PL-M035-IAA-144 | AFE13C3E-IAA-103 | 19.88  | 11.06 | 10.52  | 1/4          | 5/16          | 8.9  |                      | 1960    |         |         |
| M4PL-M035-IAA-215 | AFE13C3E-IAA-103 | 20.00  | 11.00 | 10.60  | 1/4          | 5/16          | 8.9  |                      | 1960    |         |         |
| M4PM-E022-IAA-122 | ASE12C4E-IAA-103 | 19.88  | 11.08 | 10.52  | 1/4          | 3/8           | 5.4  |                      |         | 1640    |         |
| M4PM-H022-IAA-040 | ASE12C4E-IAA-103 | 19.90  | 11.30 | 10.50  | 1/4          | 5/16          | 5.5  |                      |         | 1640    |         |
| M4PM-H022-IAA-122 | ASE12C4E-IAA-103 | 19.90  | 11.20 | 10.50  | 1/4          | 5/16          | 5.5  |                      |         | 1640    |         |
| M4PM-H050-IAA-212 | ASE35C4E-IAA-103 | 19.88  | 11.15 | 10.46  | 1/4          | 3/8           | 15.9 |                      |         |         |         |
| M4SL-0033-IAA-140 | AFE11C3E-IAA-103 | 13.64  | 10.74 | 9.62   | 3/8          | 3/8           | 7.7  |                      | 1210    |         |         |
| M4TL-E034-IAA-108 | AFE13C4E-IAA-103 |        |       |        |              |               | 7.6  |                      |         |         |         |
| M4TL-H025-IAA-108 | AFE08C4E-IAA-103 | 19.00  | 8.50  | 10.50  | 1/4          | 5/16          | 5.8  |                      | 860     |         |         |
| M4TL-H025-IAA-118 | AFE08C4E-IAA-103 | 19.00  | 9.40  | 10.50  | 1/4          | 5/16          | 5.8  |                      | 860     |         |         |
| M4TL-H025-IAA-908 | AFE08C4E-IAA-103 | 19.00  | 8.50  | 10.50  | 1/4          | 5/16          | 5.8  |                      | 860     |         |         |
| M4TL-H025-IAA-918 | AFE08C4E-IAA-103 | 19.00  | 9.40  | 10.50  | 1/4          | 5/16          | 5.8  |                      | 860     |         |         |
| M4TL-H033-IAA-108 | AFE11C4E-IAA-103 | 19.00  | 8.50  | 10.50  | 1/4          | 5/16          | 6.1  |                      | 1120    |         |         |
| M4TL-H033-IAA-118 | AFE11C4E-IAA-103 | 19.00  | 9.40  | 10.50  | 1/4          | 5/16          | 6.1  |                      | 1120    |         |         |
| M4TL-H033-IAA-122 | AFE11C4E-IAA-103 |        |       |        |              |               | 6.1  |                      | 1120    |         |         |
| M4TL-H033-IAA-908 | AFE11C4E-IAA-103 | 19.00  | 8.50  | 10.50  | 1/4          | 5/16          | 6.1  |                      | 1120    |         |         |
| M4TL-H033-IAA-918 | AFE11C4E-IAA-103 | 19.00  | 9.40  | 10.50  | 1/4          | 5/16          | 6.1  |                      | 1120    |         |         |
| M4TL-H034-IAA-108 | AFE13C4E-IAA-103 | 19.00  | 8.50  | 10.50  | 1/4          | 5/16          | 7.9  |                      | 1420    |         |         |
| M4TL-H034-IAA-118 | AFE13C4E-IAA-103 | 19.00  | 9.40  | 10.50  | 1/4          | 5/16          | 7.9  |                      | 1420    |         |         |
| M4TL-H034-IAA-122 | AFE13C4E-IAA-103 |        |       |        |              |               | 7.9  |                      | 1420    |         |         |
| M4TL-H034-IAA-160 | AFE13C4E-IAA-103 | 19.00  | 9.40  | 10.50  | 1/4          | 3/8           | 7.9  |                      | 1420    |         |         |
| M4TL-H034-IAA-908 | AFE13C4E-IAA-103 | 19.00  | 8.50  | 10.50  | 1/4          | 5/16          | 7.9  |                      | 1420    |         |         |
| M4TL-H034-IAA-918 | AFE13C4E-IAA-103 | 19.00  | 9.40  | 10.50  | 1/4          | 5/16          | 7.9  |                      | 1420    |         |         |
| M4TM-0033-IAA-108 | ASE24C3E-IAA-103 | 19.00  | 8.50  | 10.50  | 1/4          | 5/16          | 8.4  |                      |         | 2520    |         |
| M4TM-0033-IAA-118 | ASE24C3E-IAA-103 | 19.00  | 9.40  | 10.50  | 1/4          | 5/16          | 8.4  |                      |         | 2520    |         |
| M4TM-0033-IAA-121 | ASE24C3E-IAA-103 |        |       |        |              |               | 8.4  |                      |         | 2520    |         |
| M4TM-0033-IAA-908 | ASE24C3E-IAA-103 | 19.00  | 8.50  | 10.50  | 1/4          | 5/16          | 8.4  |                      |         | 2520    |         |
| M4TM-0033-IAA-918 | ASE24C3E-IAA-103 | 19.00  | 9.40  | 10.50  | 1/4          | 5/16          | 8.4  |                      |         | 2520    |         |
| M4TM-0033-IAV-108 | ASE24C3E-IAV-103 | 19.00  | 8.50  | 10.50  | 1/4          | 5/16          | 5.9  |                      |         | 2520    |         |
| M4TM-0033-IAV-118 | ASE24C3E-IAV-103 | 19.00  | 9.40  | 10.50  | 1/4          | 5/16          | 5.9  |                      |         | 2520    |         |
| M4TM-0033-IAV-121 | ASE24C3E-IAV-103 |        |       |        |              |               | 5.9  |                      |         | 2520    |         |
| M4TM-0033-IAV-908 | ASE24C3E-IAV-103 | 19.00  | 8.50  | 10.50  | 1/4          | 5/16          | 5.9  |                      |         | 2520    |         |
| M4TM-0033-IAV-918 | ASE24C3E-IAV-103 | 19.00  | 9.40  | 10.50  | 1/4          | 5/16          | 5.9  |                      |         | 2520    |         |
| M4TM-H020-IAA-108 | ASE12C4E-IAA-103 |        |       |        |              |               | 5.6  |                      |         | 1580    |         |
| M4TM-H020-IAA-117 | ASE12C4E-IAA-103 | 19.00  | 9.40  | 10.50  | 1/4          | 3/8           | 5.6  |                      |         | 1580    |         |
| M4TM-H020-IAA-118 | ASE12C4E-IAA-103 | 19.00  | 9.50  | 10.50  | 1/4          | 5/16          | 5.6  |                      |         | 1580    |         |
| M4TM-H020-IAA-121 | ASE12C4E-IAA-103 |        |       |        |              |               | 5.6  |                      |         | 1580    |         |
| M4TM-H020-IAA-908 | ASE12C4E-IAA-103 |        |       |        |              |               | 5.6  |                      |         | 1580    |         |
| M4TM-H020-IAA-918 | ASE12C4E-IAA-103 | 19.00  | 9.50  | 10.50  | 1/4          | 5/16          | 5.6  |                      |         | 1580    |         |
| M4TM-H025-IAA-108 | ASE20C4E-IAA-103 | 19.00  | 8.50  | 10.50  | 1/4          | 5/16          | 8.4  |                      |         | 2300    |         |

| New Model         | New Compressor Model | New Length | New Width | New Height | New Liquid | New Suction | New MCA | New Rated Capacities |         |         |         |
|-------------------|----------------------|------------|-----------|------------|------------|-------------|---------|----------------------|---------|---------|---------|
|                   |                      |            |           |            |            |             |         | LT_134a              | LT_404A | MT_134a | MT_404A |
| M6PM-0030-IAA-272 | ASE24C5E-IAA-103     | 19.88      | 11.06     | 11.16      | 1/4        | 5/16        | 8.4     |                      | 1290    |         | 2890    |
| M6PM-0030-IAA-177 | ASE24C5E-IAA-103     | 19.88      | 11.06     | 11.16      | 1/4        | 5/16        | 8.4     |                      | 1290    |         | 2890    |
| M6PM-0023-IAA-177 | ASE14C4E-IAA-103     | 19.88      | 11.06     | 10.65      | 1/4        | 5/16        | 6.7     |                      | 1060    |         | 2180    |
| M6PL-0030-IAA-078 | AFE11C4E-IAA-103     | 19.90      | 11.16     | 10.65      | 1/4        | 5/16        | 5.9     |                      | 1240    |         |         |
| M6PL-0041-IAA-177 | AFE14C5E-IAA-103     | 19.88      | 11.06     | 11.16      | 1/4        | 5/16        | 8.2     |                      | 1730    |         |         |
| M6PL-0041-IAA-179 | AFE14C5E-IAA-103     | 19.88      | 11.02     | 10.48      | 1/4        | 5/16        | 8.2     |                      | 1730    |         |         |
| M6PL-0041-IAA-179 | AFE14C5E-IAA-103     | 19.88      | 11.02     | 10.48      | 1/4        | 5/16        | 8.2     |                      | 1730    |         |         |
| M6PL-0041-IAA-272 | AFE14C5E-IAA-103     | 19.86      | 11.16     | 11.16      | 1/4        | 5/16        | 8.2     |                      | 1730    |         |         |
| M6PL-0041-IAA-177 | AFE14C5E-IAA-103     | 19.88      | 11.06     | 11.16      | 1/4        | 5/16        | 8.2     |                      | 1730    |         |         |
| M6PL-0052-IAA-179 | AFE20C5E-IAA-103     | 19.88      | 11.02     | 10.48      | 1/4        | 5/16        | 8.5     |                      | 2240    |         |         |
| M6PL-0052-IAA-177 | AFE20C5E-IAA-103     | 19.88      | 11.06     | 11.16      | 1/4        | 5/16        | 8.5     |                      | 2240    |         |         |
| M6PL-0052-IAA-177 | AFE20C5E-IAA-103     | 19.88      | 11.06     | 11.16      | 1/4        | 5/16        | 8.5     |                      | 2240    |         |         |
| M6PL-0052-IAA-177 | AFE20C5E-IAA-103     | 19.88      | 11.06     | 11.16      | 1/4        | 5/16        | 8.5     |                      | 2240    |         |         |
| M6PL-0052-IAA-179 | AFE20C5E-IAA-103     | 19.88      | 11.02     | 10.48      | 1/4        | 5/16        | 8.5     |                      | 2240    |         |         |
| M6PL-0052-IAA-177 | AFE20C5E-IAA-103     | 19.88      | 11.06     | 11.16      | 1/4        | 5/16        | 8.5     |                      | 2240    |         |         |
| M6PL-0052-IAA-179 | AFE20C5E-IAA-103     | 19.88      | 11.02     | 10.48      | 1/4        | 5/16        | 8.5     |                      | 2240    |         |         |
| M6PL-0052-IAA-179 | AFE20C5E-IAA-103     | 19.88      | 11.02     | 10.48      | 1/4        | 5/16        | 8.5     |                      | 2240    |         |         |
| M6PL-0052-IAA-177 | AFE20C5E-IAA-103     | 19.88      | 11.06     | 11.16      | 1/4        | 5/16        | 8.5     |                      | 2240    |         |         |
| M6PL-0052-IAA-177 | AFE20C5E-IAA-103     | 19.88      | 11.06     | 11.16      | 1/4        | 5/16        | 8.5     |                      | 2240    |         |         |
| M6PL-0052-IAA-179 | AFE20C5E-IAA-103     | 19.88      | 11.02     | 10.48      | 1/4        | 5/16        | 8.5     |                      | 2240    |         |         |
| M6PL-0052-IAA-179 | AFE20C5E-IAA-103     | 19.88      | 11.02     | 10.48      | 1/4        | 5/16        | 8.5     |                      | 2240    |         |         |
| M6PL-0052-IAA-177 | AFE20C5E-IAA-103     | 19.88      | 11.06     | 11.16      | 1/4        | 5/16        | 8.5     |                      | 2240    |         |         |
| M6PL-0052-IAA-179 | AFE20C5E-IAA-103     | 19.88      | 11.02     | 10.48      | 1/4        | 5/16        | 8.5     |                      | 2240    |         |         |
| M6PL-0052-IAA-177 | AFE20C5E-IAA-103     | 19.88      | 11.06     | 11.16      | 1/4        | 5/16        | 8.5     |                      | 2240    |         |         |
| M6PL-0052-IAA-179 | AFE20C5E-IAA-103     | 19.88      | 11.02     | 10.48      | 1/4        | 5/16        | 8.5     |                      | 2240    |         |         |
| M6PL-H056-IAV-078 | AFE20C5E-IAV-103     | 19.88      | 11.21     | 11.14      | 1/4        | 5/16        | 6       |                      | 2280    |         |         |
| M6PL-0041-IAA-179 | AFE14C5E-IAA-103     | 19.88      | 11.02     | 10.48      | 1/4        | 5/16        | 8.2     |                      | 1730    |         |         |
| M6PL-0041-IAA-179 | AFE14C5E-IAA-103     | 19.88      | 11.02     | 10.48      | 1/4        | 5/16        | 8.2     |                      | 1730    |         |         |
| M6PM-0020-IAA-177 | ASE12C4E-IAA-103     | 19.88      | 11.06     | 10.65      | 1/4        | 5/16        | 5.4     |                      | 855     |         | 1880    |
| M6PM-0020-IAA-078 | ASE12C4E-IAA-103     | 19.90      | 11.16     | 10.65      | 1/4        | 5/16        | 5.4     |                      | 855     |         | 1880    |
| M6PM-0020-IAA-177 | ASE12C4E-IAA-103     | 19.88      | 11.06     | 10.65      | 1/4        | 5/16        | 5.4     |                      | 855     |         | 1880    |
| M6ZM-H054-IAA-272 | ASE39C5E-IAA-103     | 16.58      | 13.09     | 11.70      | 1/4        | 5/16        | 13.4    |                      | 2570    |         | 4680    |
| M6JL-H030-IAA-179 | AFE11C4E-IAA-103     | 13.91      | 11.46     | 9.67       | 1/4        |             | 5.9     |                      | 1240    |         |         |
| M6TL-0037-IAA-108 | AFE13C4E-IAA-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 7.7     |                      | 1580    |         |         |
| M6TL-0022-IAA-108 | AFE08C4E-IAA-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 5.5     |                      | 927     |         |         |
| M6TL-0022-IAA-118 | AFE08C4E-IAA-103     | 19.00      | 9.41      | 10.53      | 1/4        | 5/16        | 5.5     |                      | 927     |         |         |
| M6TL-0022-IAA-108 | AFE08C4E-IAA-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 5.5     |                      | 927     |         |         |
| M6TL-0022-IAA-118 | AFE08C4E-IAA-103     | 19.00      | 9.41      | 10.53      | 1/4        | 5/16        | 5.5     |                      | 927     |         |         |
| M6TL-0029-IAA-108 | AFE11C4E-IAA-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 5.9     |                      | 1220    |         |         |
| M6TL-0029-IAA-118 | AFE11C4E-IAA-103     | 19.00      | 9.41      | 10.53      | 1/4        | 5/16        | 5.9     |                      | 1220    |         |         |
| M6TL-0029-IAA-108 | AFE11C4E-IAA-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 5.9     |                      | 1220    |         |         |
| M6TL-0029-IAA-108 | AFE11C4E-IAA-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 5.9     |                      | 1220    |         |         |
| M6TL-0029-IAA-118 | AFE11C4E-IAA-103     | 19.00      | 9.41      | 10.53      | 1/4        | 5/16        | 5.9     |                      | 1220    |         |         |
| M6TL-0037-IAA-108 | AFE13C4E-IAA-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 7.7     |                      | 1580    |         |         |
| M6TL-0037-IAA-118 | AFE13C4E-IAA-103     | 19.00      | 9.41      | 10.53      | 1/4        | 5/16        | 7.7     |                      | 1580    |         |         |
| M6TL-0037-IAA-108 | AFE13C4E-IAA-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 7.7     |                      | 1580    |         |         |
| M6TL-0037-IAA-118 | AFE13C4E-IAA-103     | 19.00      | 9.41      | 10.53      | 1/4        | 5/16        | 7.7     |                      | 1580    |         |         |
| M6TL-0037-IAA-118 | AFE13C4E-IAA-103     | 19.00      | 9.41      | 10.53      | 1/4        | 5/16        | 7.7     |                      | 1580    |         |         |
| M6TM-0022-IAA-108 | ASE14C4E-IAA-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 6.7     |                      | 1040    |         | 2120    |
| M6TM-0022-IAA-118 | ASE14C4E-IAA-103     | 19.00      | 9.41      | 10.53      | 1/4        | 5/16        | 6.7     |                      | 1040    |         | 2120    |
| M6TM-0022-IAA-108 | ASE14C4E-IAA-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 6.7     |                      | 1040    |         | 2120    |
| M6TM-0022-IAA-108 | ASE14C4E-IAA-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 6.7     |                      | 1040    |         | 2120    |
| M6TM-0022-IAA-118 | ASE14C4E-IAA-103     | 19.00      | 9.41      | 10.53      | 1/4        | 5/16        | 6.7     |                      | 1040    |         | 2120    |
| M6TM-0032-IAV-108 | ASE28C5E-IAV-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 5.6     |                      | 1840    |         | 3260    |
| M6TM-0032-IAV-118 | ASE28C5E-IAV-103     | 19.00      | 9.41      | 10.53      |            | 5/16        | 5.6     |                      | 1840    |         | 3260    |
| M6TM-0032-IAV-108 | ASE28C5E-IAV-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 5.6     |                      | 1840    |         | 3260    |
| M6TM-0032-IAV-108 | ASE28C5E-IAV-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 5.6     |                      | 1840    |         | 3260    |
| M6TM-0032-IAV-118 | ASE28C5E-IAV-103     | 19.00      | 9.41      | 10.53      |            | 5/16        | 5.6     |                      | 1840    |         | 3260    |
| M6TM-0020-IAA-108 | ASE12C4E-IAA-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 5.4     |                      | 841     |         | 1830    |
| M6TM-0020-IAA-117 | ASE12C4E-IAA-103     | 19.00      | 9.41      | 10.53      | 1/4        | 3/8         | 5.4     |                      | 841     |         | 1830    |
| M6TM-0020-IAA-118 | ASE12C4E-IAA-103     | 19.00      | 9.41      | 10.53      | 1/4        | 5/16        | 5.4     |                      | 841     |         | 1830    |
| M6TM-0020-IAA-108 | ASE12C4E-IAA-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 5.4     |                      | 841     |         | 1830    |
| M6TM-0020-IAA-108 | ASE12C4E-IAA-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 5.4     |                      | 841     |         | 1830    |
| M6TM-0020-IAA-118 | ASE12C4E-IAA-103     | 19.00      | 9.41      | 10.53      | 1/4        | 5/16        | 5.4     |                      | 841     |         | 1830    |
| M6TM-0022-IAA-108 | ASE14C4E-IAA-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 6.7     |                      | 1040    |         | 2120    |

## Copeland to Copeland Cross Reference

| Old Model         | Compressor Model | Length | Width | Height | Liquid Conn. | Suction Conn. | MCA  | Old Rated Capacities |         |         |         |
|-------------------|------------------|--------|-------|--------|--------------|---------------|------|----------------------|---------|---------|---------|
|                   |                  |        |       |        |              |               |      | LT_134A              | LT_404A | MT_134A | MT_404A |
| M4TM-H025-IAA-117 | ASE20C4E-IAA-103 | 19.00  | 9.40  | 10.50  | 1/4          | 3/8           | 8.4  |                      |         |         | 2300    |
| M4TM-H025-IAA-118 | ASE20C4E-IAA-103 | 19.00  | 9.40  | 10.50  | 1/4          | 5/16          | 8.4  |                      |         |         | 2300    |
| M4TM-H025-IAA-121 | ASE20C4E-IAA-103 |        |       |        |              |               | 8.4  |                      |         |         | 2300    |
| M4TM-H025-IAA-908 | ASE20C4E-IAA-103 | 19.00  | 8.50  | 10.50  | 1/4          | 5/16          | 8.4  |                      |         |         | 2300    |
| M4TM-H025-IAA-918 | ASE20C4E-IAA-103 | 19.00  | 9.40  | 10.50  | 1/4          | 5/16          | 8.4  |                      |         |         | 2300    |
| M4WF-C056-IAA-020 | RST45C1E-IAA-108 | 17.40  | 12.70 | 10.50  | 1/4          | 5/8           | 13.1 |                      | 2440    |         | 5890    |
| M4WF-C056-IAA-040 | RST45C1E-IAA-108 | 18.11  | 12.67 | 10.71  | 1/4          | 5/8           | 13.1 |                      |         |         |         |
| M4WF-C056-IAV-020 | RST45C1E-IAV-109 | 17.40  | 12.70 | 10.50  | 1/4          | 5/8           | 6.6  |                      | 2440    |         | 5890    |
| M4WF-C075-CAA-020 | RST55C1E-CAA-108 | 24.00  | 16.10 | 10.70  | 3/8          | 5/8           | 18.8 |                      | 3230    |         | 7560    |
| M4WF-C075-CAV-020 | RST55C1E-CAV-109 | 24.00  | 16.10 | 10.70  | 3/8          | 5/8           | 8.5  |                      | 3230    |         | 7560    |
| M4WH-C025-IAA-020 | ASE19C3E-IAA-103 | 17.90  | 12.77 | 8.97   | 1/4          | 3/8           | 10   |                      |         | 2790    |         |
| M4WH-C036-IAA-020 | ASE24C3E-IAA-103 | 17.90  | 12.77 | 8.76   | 1/4          | 3/8           | 7.5  |                      |         | 3520    |         |
| M4WH-C036-IAV-020 | ASE24C3E-IAV-103 | 17.90  | 12.77 | 8.76   | 1/4          | 3/8           | 5.3  |                      |         | 3520    |         |
| M4WH-C050-CAA-020 | ASE32C3E-CAA-103 | 17.90  | 12.77 | 9.26   | 1/4          | 3/8           | 11.5 |                      |         | 5130    |         |
| M4WH-C050-CAV-020 | ASE32C3E-CAV-103 | 17.90  | 12.77 | 9.26   | 1/4          | 3/8           | 6.1  |                      |         | 5130    |         |
| M4WL-C033-IAA-020 | AFE11C3E-IAA-103 | 24.00  | 16.41 | 9.51   | 1/4          | 3/8           | 7.7  |                      | 1370    |         |         |
| M4WL-C040-IAA-020 | AFE13C3E-IAA-103 | 24.00  | 16.41 | 9.51   | 1/4          | 3/8           | 8.7  |                      | 1970    |         |         |
| M4WL-C075-CFA-020 | RST64C1E-CFA-108 | 24.00  | 16.40 | 10.70  | 3/8          | 5/8           | 19   |                      | 4100    |         |         |
| M4WL-C075-IAV-020 | RST64C1E-IAV-108 | 24.00  | 16.40 | 10.70  | 3/8          | 5/8           | 11.8 |                      | 4100    |         |         |
| M4WL-D067-CAA-020 | RFT26C1E-CAA-102 | 24.00  | 16.40 | 9.90   | 1/4          | 1/2           | 14.1 |                      | 3290    |         |         |
| M4WL-H025-IAA-020 | AFE08C4E-IAA-103 | 24.00  | 16.40 | 9.51   | 1/4          | 3/8           | 5.6  |                      | 900     |         |         |
| M4WL-H051-IAA-020 | AFE17C4E-IAA-103 | 24.00  | 16.41 | 9.51   | 1/4          | 3/8           | 10.4 |                      | 2140    |         |         |
| MBAH-0075-CFA-020 | RRT81C1-PFA-199  | 24.00  | 17.50 | 13.10  | 3/8          | 5/8           | 18.3 |                      |         |         |         |
| MBAH-0075-CFV-020 | RRT81C1-PFV-199  | 24.00  | 17.50 | 13.10  | 3/8          | 5/8           | 9.3  |                      |         |         |         |
| MBAM-0050-IAA-212 | RRT64C1-IAA-198  | 16.20  | 13.70 | 11.70  | 1/4          | 1/2           | 14.6 |                      |         |         |         |
| MBAM-0050-IAV-212 | RRT64C1-IAV-198  | 16.00  | 13.68 | 11.74  | 1/4          | 1/2           | 8.6  |                      |         |         |         |
| MBAM-0075-CFA-020 | RRT10K1-PFA-199  | 24.00  | 17.50 | 13.07  | 3/8          | 5/8           | 19   |                      |         |         |         |
| MBAM-0075-CFV-020 | RRT10K1-PFV-199  | 24.00  | 17.50 | 13.10  | 3/8          | 5/8           | 11.2 |                      |         |         |         |
| MBFH-0050-IAA-103 | ART62C1-IAA-103  | 17.90  | 13.10 | 11.80  | 1/4          | 3/8           | 13.8 |                      |         |         |         |
| MBFH-0050-IAA-109 | ART62C1-IAA-103  | 17.90  | 13.10 | 11.80  | 1/4          | 3/8           | 13.8 |                      |         |         |         |
| MBFH-0050-IAA-201 | ART62C1-IAA-103  | 16.20  | 13.10 | 11.80  | 1/4          | 3/8           | 13.8 |                      |         |         |         |
| MBFH-0050-IAA-272 | ART62C1-IAA-103  | 16.30  | 13.08 | 11.67  | 1/4          | 1/2           | 13.8 |                      |         |         |         |
| MBFH-A026-IAA-103 | ARE27C3-IAA-103  | 13.80  | 11.50 | 9.70   | 1/4          | 3/8           | 6.9  |                      |         |         |         |
| MBFH-A049-CAA-272 | ARE51C4-CAA-199  | 16.30  | 13.10 | 11.70  | 1/4          | 3/8           | 14   |                      |         |         |         |
| MBFH-A050-IAA-272 | RRT62C1-IAA-199  | 16.60  | 13.70 | 11.70  | 1/4          | 3/8           | 12.8 |                      |         |         |         |
| MBFH-B026-IAA-072 | ARE29C4-IAA-199  | 14.40  | 12.90 | 11.40  | 1/4          | 3/8           | 7.4  |                      |         |         |         |
| MBFH-B026-IAA-103 | ARE29C4-IAA-199  | 13.90  | 11.50 | 9.70   | 1/4          | 3/8           | 7.4  |                      |         |         |         |
| MBFH-B026-IAA-111 | ARE29C4-IAA-199  | 13.90  | 11.30 | 9.70   | 1/4          | 3/8           | 7.4  |                      |         |         |         |
| MBFL-0034-IAA-020 | AFT12C1-IAA-103  | 16.00  | 12.40 | 9.60   | 1/4          | 3/8           | 7    |                      |         |         |         |
| MBFL-0034-IAA-103 | AFT12C1-IAA-103  | 16.20  | 12.40 | 9.70   | 1/4          | 3/8           | 7    |                      |         |         |         |
| MBFL-0034-IAA-111 | AFT12C1-IAA-103  | 16.00  | 12.30 | 9.70   | 1/4          | 3/8           | 7    |                      |         |         |         |
| MBFL-A034-IAA-020 | AFE12C4-IAA-199  | 16.00  | 12.40 | 9.60   | 1/4          | 3/8           | 8.7  |                      |         |         |         |
| MBFL-A034-IAA-103 | AFE12C4-IAA-199  | 16.20  | 12.40 | 9.70   | 1/4          | 3/8           | 8.7  |                      |         |         |         |
| MBFL-A034-IAA-111 | AFE12C4-IAA-199  | 16.20  | 12.20 | 9.70   | 1/4          | 3/8           | 8.7  |                      |         |         |         |
| MBFS-0017-SAA-102 | ARB13C3-SAA-100  | 13.80  | 11.10 | 9.70   | 1/4          | 3/8           | 4.2  |                      |         |         |         |
| MBFS-0017-SAA-111 | ARB13C3-SAA-100  |        |       |        |              |               | 4.2  |                      |         |         |         |
| MBFS-0024-SAA-102 | ARE25C3-SAA-103  | 13.80  | 11.30 | 9.70   | 1/4          | 3/8           | 6.3  |                      |         |         |         |
| MBFS-0024-SAA-111 | ARE25C3-SAA-103  |        |       |        |              |               | 6.3  |                      |         |         |         |
| MBFS-0033-IAA-103 | ARE37C3-IAA-103  | 13.80  | 11.50 | 9.70   | 1/4          | 3/8           | 9.7  |                      |         |         |         |
| MBFS-0033-IAA-111 | ARE37C3-IAA-103  | 13.80  | 11.30 | 9.70   | 1/4          | 3/8           | 9.7  |                      |         |         |         |
| MBFS-0033-IAA-212 | ARE37C3-IAA-103  | 13.80  | 11.90 | 9.60   | 1/4          | 3/8           | 9.7  |                      |         |         |         |
| MBFS-0033-IAA-240 | ARE37C3-IAA-103  | 13.90  | 10.75 | 9.62   | 1/4          | 3/8           | 9.7  |                      |         |         |         |
| MBFS-0033-IAA-272 | ARE37C3-IAA-103  | 14.14  | 12.33 | 11.15  | 1/4          | 3/8           | 9.7  |                      |         |         |         |
| MBFS-A033-IAA-103 | ARE40C4-IAA-199  | 13.90  | 11.50 | 9.70   | 1/4          | 3/8           | 9.5  |                      |         |         |         |
| MBFS-A033-IAA-111 | ARE40C4-IAA-199  | 13.90  | 11.50 | 9.70   | 1/4          | 3/8           | 9.5  |                      |         |         |         |
| MBFS-A033-IAA-272 | ARE40C4-IAA-199  | 14.40  | 12.90 | 11.40  | 1/4          | 3/8           | 9.5  |                      |         |         |         |
| MBWH-C050-IAA-020 | ART62C1-IAA-103  | 17.90  | 12.77 | 9.78   | 1/4          | 3/8           | 12.9 |                      |         |         |         |
| MCEH-0035-IAA-103 | ARE43C3-IAA-103  | 16.00  | 14.00 | 11.78  | 1/4          | 3/8           | 9.7  |                      |         |         |         |
| MCEH-0035-IAA-111 | ARE43C3-IAA-103  | 16.00  | 15.20 | 11.78  | 1/4          | 3/8           | 9.7  |                      |         |         |         |
| MCEH-0035-IAA-212 | ARE43C3-IAA-103  | 16.17  | 15.29 | 11.78  | 1/4          | 3/8           | 9.7  |                      |         |         |         |
| MCEH-0048-CAV-103 | ARE59C3-CAV-103  | 16.00  | 15.20 | 11.75  | 1/4          | 3/8           | 5.6  |                      |         |         |         |
| MCEH-0048-CAV-111 | ARE59C3-CAV-103  | 16.00  | 15.20 | 11.75  | 1/4          | 3/8           | 5.6  |                      |         |         |         |

| New Model         | New Compressor Model | New Length | New Width | New Height | New Liquid | New Suction | New MCA | New Rated Capacities |         |         |         |
|-------------------|----------------------|------------|-----------|------------|------------|-------------|---------|----------------------|---------|---------|---------|
|                   |                      |            |           |            |            |             |         | LT_134a              | LT_404A | MT_134a | MT_404A |
| M6TM-0022-IAA-117 | ASE14C4E-IAA-103     | 19.00      | 9.41      | 10.53      | 1/4        | 3/8         | 6.7     |                      | 1040    |         | 2120    |
| M6TM-0022-IAA-118 | ASE14C4E-IAA-103     | 19.00      | 9.41      | 10.53      | 1/4        | 5/16        | 6.7     |                      | 1040    |         | 2120    |
| M6TM-0022-IAA-108 | ASE14C4E-IAA-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 6.7     |                      | 1040    |         | 2120    |
| M6TM-0022-IAA-108 | ASE14C4E-IAA-103     | 19.04      | 8.47      | 10.53      | 1/4        | 5/16        | 6.7     |                      | 1040    |         | 2120    |
| M6TM-0022-IAA-118 | ASE14C4E-IAA-103     | 19.00      | 9.41      | 10.53      | 1/4        | 5/16        | 6.7     |                      | 1040    |         | 2120    |
| M6WF-0056-IAA-020 | RST45C1E-IAA-102     | 18.30      | 12.87     | 9.99       | 3/8        | 1/2         | 13.1    |                      |         |         |         |
| M6WF-0056-IAA-020 | RST45C1E-IAA-102     | 18.30      | 12.87     | 9.99       | 3/8        | 1/2         | 13.1    |                      |         |         |         |
| M6WF-0056-IAV-020 | RST45C1E-IAV-104     | 18.30      | 12.87     | 9.99       | 3/8        | 1/2         | 6.6     |                      |         |         |         |
| M6WF-0075-CAA-020 | RST55C1E-CAA-102     | 24.23      | 16.10     | 11.85      | 3/8        | 1/2         | 18.8    |                      |         |         |         |
| M6WF-0075-CAV-020 | RST55C1E-CAV-104     | 24.23      | 16.10     | 11.85      | 3/8        | 1/2         | 8.5     |                      |         |         |         |
| M6WH-0025-IAA-020 | ASE20C4E-IAA-103     | 18.18      | 13.20     | 9.42       | 1/4        | 3/8         | 7.5     |                      |         |         |         |
| M6WH-0036-IAA-020 | ASE24C5E-IAA-103     | 18.18      | 13.21     | 9.92       | 1/4        | 3/8         | 7.8     |                      |         |         |         |
| M6WH-0036-IAV-020 |                      |            |           |            |            |             |         |                      |         |         |         |
| M6WH-0050-CAA-020 | ASE32C5E-CAA-103     | 18.18      | 12.97     | 9.92       | 1/4        | 3/8         | 9.4     |                      |         |         |         |
| M6WH-0050-CAV-020 |                      |            |           |            |            |             |         |                      |         |         |         |
| M6WL-0033-IAA-020 | AFE11C4E-IAA-103     | 24.00      | 16.41     | 9.73       | 1/4        | 3/8         | 5.9     |                      |         |         |         |
| M6WL-0040-IAA-020 | AFE14C5E-IAA-103     | 24.00      | 16.41     | 10.23      | 1/4        | 3/8         | 8.2     |                      |         |         |         |
| M6WL-0075-CFA-020 | RST64C1E-CFA-102     | 24.00      | 16.41     | 11.87      | 3/8        | 1/2         | 18.9    |                      |         |         |         |
| M6WL-0075-IAV-020 | RST64C1E-IAV-102     | 24.00      | 16.41     | 10.46      | 3/8        | 1/2         | 11.8    |                      |         |         |         |
| M6WL-0067-CAA-020 | RFT26C1E-CAA-102     | 24.00      | 16.41     | 11.87      | 3/8        | 1/2         | 14      |                      |         |         |         |
| M6WL-0025-IAA-020 | AFE08C4E-IAA-103     | 24.00      | 16.41     | 9.73       | 1/4        | 3/8         | 5.5     |                      |         |         |         |
| M6WL-0051-IAA-020 | AFE17C4E-IAA-103     | 24.00      | 16.41     | 10.18      | 1/4        | 3/8         | 10.4    |                      |         |         |         |
| Obsolete R12 unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R12 unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R12 unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R12 unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R12 unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R12 unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R12 unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R12 unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R12 unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R12 unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R12 unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R12 unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R12 unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R12 unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R12 unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R12 unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R12 unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R12 unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R12 unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R12 unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R12 unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R12 unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R12 unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R12 unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R12 unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R12 unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R12 unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R12 unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R12 unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R12 unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R22 Unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R22 Unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R22 Unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R22 Unit |                      |            |           |            |            |             |         |                      |         |         |         |
| Obsolete R22 Unit |                      |            |           |            |            |             |         |                      |         |         |         |

## Copeland to Copeland Cross Reference

| Old Model         | Compressor Model | Length | Width | Height | Liquid Conn. | Suction Conn. | MCA  | Old Rated Capacities |         |         |         |
|-------------------|------------------|--------|-------|--------|--------------|---------------|------|----------------------|---------|---------|---------|
|                   |                  |        |       |        |              |               |      | LT_134A              | LT_404A | MT_134A | MT_404A |
| MCEH-0048-CAV-208 | ARE59C3-CAV-103  | 16.17  | 15.29 | 11.78  | 1/4          | 3/8           | 5.6  |                      |         |         |         |
| MCEH-A048-CAA-212 | ASE35C4-CAA-199  | 16.10  | 15.10 | 11.80  | 1/4          | 3/8           | 15.9 |                      |         |         |         |
| MCFH-0027-IAA-111 | ARE36C3-IAA-103  | 13.82  | 11.25 | 9.67   | 1/4          | 3/8           | 9.1  |                      |         |         |         |
| MCFH-0049-CAB-252 | ARE59C3-CAV-103  | 16.00  | 13.20 | 11.70  | 1/4          | 3/8           | 5.4  |                      |         |         |         |
| MCFH-0049-CAV-104 | ARE59C3-CAV-103  | 16.00  | 13.10 | 11.80  | 1/4          | 3/8           | 5.6  |                      |         |         |         |
| MCFH-0049-CAV-111 | ARE59C3-CAV-103  | 16.06  | 12.68 | 11.81  | 1/4          | 3/8           | 5.6  |                      |         |         |         |
| MCFH-0049-CAV-212 | ARE59C3-CAV-103  | 16.06  | 13.08 | 11.81  | 1/4          | 3/8           | 5.6  |                      |         |         |         |
| MCFH-0050-CAB-251 | ARE59C3-CAV-103  | 17.40  | 14.40 | 11.80  | 1/4          | 3/8           | 5.6  |                      |         |         |         |
| MCFH-0050-CAB-252 | ARE59C3-CAV-103  | 17.38  | 12.41 | 11.82  | 1/4          | 3/8           | 5.6  |                      |         |         |         |
| MCFH-0050-CAV-212 | ARE59C3-CAV-103  | 17.40  | 14.40 | 11.80  | 1/4          | 3/8           | 6    |                      |         |         |         |
| MCFH-0078-CAA-072 | RST55C1-CAA-198  | 24.00  | 17.14 | 13.07  | 3/8          | 5/8           | 20.8 |                      |         |         |         |
| MCFH-0078-CAV-072 | RST55C1-CAV-198  | 24.00  | 17.20 | 13.10  | 3/8          | 5/8           | 9.7  |                      |         |         |         |
| MCFH-A022-IAA-103 | ASE12C4-IAA-199  | 13.90  | 11.70 | 9.70   | 1/4          | 3/8           | 5.9  |                      |         |         |         |
| MCFH-A022-IAA-111 | ASE12C4-IAA-199  | 13.90  | 11.30 | 9.70   | 1/4          | 3/8           | 5.9  |                      |         |         |         |
| MCFH-A027-IAA-103 | ASE19C4-IAA-199  | 13.91  | 11.47 | 9.67   | 1/4          | 3/8           | 7.7  |                      |         |         |         |
| MCFH-A027-IAA-272 | ASE19C4-IAA-199  | 14.42  | 12.89 | 11.36  | 1/4          | 3/8           | 7.7  |                      |         |         |         |
| MCFH-A036-IAA-103 | ASE20C4-IAA-199  | 16.15  | 12.87 | 11.74  | 1/4          | 3/8           | 8.4  |                      |         |         |         |
| MCFH-A036-IAA-111 | ASE20C4-IAA-199  |        |       |        |              |               | 8.4  |                      |         |         |         |
| MCFH-A036-IAA-272 | ASE20C4-IAA-199  | 16.27  | 13.08 | 11.73  | 1/4          | 3/8           | 8.4  |                      |         |         |         |
| MCFH-A049-CAA-020 | ASE35C4-CAA-199  |        |       |        |              |               | 15.9 |                      |         |         |         |
| MCFH-A049-CAA-103 | ASE35C4-CAA-199  | 16.00  | 12.90 | 11.70  | 1/4          | 3/8           | 15.9 |                      |         |         |         |
| MCFH-A049-CAA-111 | ASE35C4-CAA-199  |        |       |        | 1/4          | 3/8           | 15.9 |                      |         |         |         |
| MCFH-A049-CAA-272 | ASE35C4-CAA-199  | 16.56  | 13.08 | 11.74  | 1/4          | 3/8           | 15.9 |                      |         |         |         |
| MCFH-A049-IAV-272 | ASE35C4-IAV-199  | 16.60  | 13.10 | 11.70  | 1/4          | 3/8           | 8.3  |                      |         |         |         |
| MCFH-A056-IAA-020 | RST40C1-IAA-198  |        |       |        |              |               | 15.5 |                      |         |         |         |
| MCFH-A056-IAA-272 | RST40C1-IAA-198  | 17.38  | 14.38 | 11.82  | 1/4          | 5/8           | 15.5 |                      |         |         |         |
| MCFH-A056-IAV-272 | RST40C1-IAV-198  | 17.38  | 14.38 | 11.82  | 1/4          | 5/8           | 7.3  |                      |         |         |         |
| MCFH-B027-IAA-020 | ASE20C4-IAA-199  |        |       |        |              |               | 8.2  |                      |         |         |         |
| MCFH-B027-IAA-103 | ASE20C4-IAA-199  | 13.90  | 11.50 | 9.70   | 1/4          | 3/8           | 8.2  |                      |         |         |         |
| MCFH-B027-IAA-111 | ASE20C4-IAA-199  | 13.90  | 11.30 | 9.70   | 1/4          | 3/8           | 8.2  |                      |         |         |         |
| MCFH-B027-IAA-272 | ASE20C4-IAA-199  | 14.40  | 12.90 | 11.40  | 1/4          | 3/8           | 8.2  |                      |         |         |         |
| MCFH-B036-IAA-103 | ASE26C4-IAA-199  | 16.00  | 12.80 | 11.70  | 1/4          | 3/8           | 10.3 |                      |         |         |         |
| MCFH-B036-IAA-111 | ASE26C4-IAA-199  | 16.20  | 12.70 | 11.70  | 1/4          | 1/2           | 10.3 |                      |         |         |         |
| MCFH-B036-IAA-272 | ASE26C4-IAA-199  | 16.54  | 13.08 | 11.73  | 1/4          | 3/8           | 10.3 |                      |         |         |         |
| MCFH-N040-IAA-199 | ASE26C4-IAA-199  |        |       |        |              |               | 9.4  |                      |         |         |         |
| MCPH-0035-IAA-111 | ARE43C3-IAA-103  | 19.88  | 11.00 | 10.52  | 1/4          | 3/8           | 9.7  |                      |         |         |         |
| MCPH-0035-IAA-208 | ARE43C3-IAA-103  | 19.88  | 11.01 | 10.52  | 1/4          | 3/8           | 9.7  |                      |         |         |         |
| MCPH-0035-IAA-212 | ARE43C3-IAA-103  | 19.88  | 11.14 | 10.52  | 1/4          | 3/8           | 9.7  |                      |         |         |         |
| MCPH-0048-CAV-103 | ARE59C3-CAV-103  | 11.00  | 20.00 | 10.57  | 1/4          | 3/8           | 5.6  |                      |         |         |         |
| MCPH-0048-CAV-111 | ARE59C3-CAV-103  | 11.00  | 20.00 | 10.57  | 1/4          | 3/8           | 5.6  |                      |         |         |         |
| MCPH-0048-CAV-208 | ARE59C3-CAV-103  | 11.00  | 20.00 | 10.57  | 1/4          | 3/8           | 5.6  |                      |         |         |         |
| MCPH-A035-IAA-212 | ASE26C4-IAA-199  | 19.88  | 11.08 | 10.46  | 1/4          | 3/8           | 10.3 |                      |         |         |         |
| MCPH-A048-CAA-212 | ASE35C4-CAA-199  | 19.90  | 11.20 | 10.50  | 1/4          | 3/8           | 15.9 |                      |         |         |         |
| MCPH-A048-IAV-212 | ASE35C4-IAV-199  | 19.90  | 11.20 | 10.50  | 1/4          | 5/16          | 8    |                      |         |         |         |
| MCPH-B027-IAA-212 | ASE20C4-IAA-199  | 19.90  | 11.30 | 10.50  | 1/4          | 3/8           | 8.2  |                      |         |         |         |
| MCWH-0078-CAA-020 | RST55C1-CAA-198  | 24.23  | 17.79 | 10.71  | 3/8          | 5/8           | 18.8 |                      |         |         |         |
| MCWH-0078-CAV-072 | RST55C1-CAV-198  | 24.30  | 17.80 | 12.40  | 3/8          | 5/8           | 8.5  |                      |         |         |         |
| MCWH-A056-IAA-020 | RST40C1-IAA-198  | 17.90  | 12.70 | 10.50  | 1/4          | 5/8           | 13.8 |                      |         |         |         |
| MCWH-A056-IAV-020 | RST40C1-IAV-198  | 17.90  | 12.70 | 10.50  | 1/4          | 5/8           | 6.3  |                      |         |         |         |
| MCWH-C027-IAA-020 | ARE36C3-IAA-103  | 17.90  | 12.98 | 8.65   | 1/4          | 3/8           | 8.3  |                      |         |         |         |
| MCWH-D036-IAA-020 | ASE26C4-IAA-199  | 17.20  | 12.80 | 9.00   | 1/4          | 3/8           | 9.4  |                      |         |         |         |
| MCWH-D049-CAA-020 | ASE35C4-CAA-199  | 17.92  | 12.93 | 8.96   | 1/4          | 3/8           | 15   |                      |         |         |         |
| MCWH-D049-IAV-020 | ASE35C4-IAV-199  | 17.92  | 12.93 | 8.96   | 1/4          | 3/8           | 7.4  |                      |         |         |         |
| MFFP-H022-IAA-272 | ASE12C4E-IAA-103 | 14.49  | 12.68 | 11.36  | 1/4          | 3/8           | 5.5  |                      |         |         |         |

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# Emerson™ Electronic Unit Controller (EUC)

| Part #      | Description   |
|-------------|---|
| 943-0152-00 | 115V Electronic Unit Controller                                   |
| 943-0153-00 | 230V Electronic Unit Controller                                   |
| 943-0154-00 | 115V Electronic Unit Controller with Fan Cycling                  |
| 943-0155-00 | 230V Electronic Unit Controller with Fan Cycling                  |
| 929-0114-00 | Electronic Unit Controller Suction Pressure Transducer (150 PSIA) |
| 929-0113-00 | DLT Sensor Kit  |



Hold 3 Seconds to Enter Menu (PSI Light Will Flash)    ▾ + SET

Cycle Through Menu Options    ▲ ▾

Select Function    SET

Adjust Value    ▲ ▾

Store Function    SET

Exit Menu    ▲ + SET

**Functions**

**[in]**  
Low Pressure Cut-In

**[CoU]**  
Low Pressure Cut-Out

More information inside panel

| Alarm | Description             | Alarm | Description                       |
|-------|-------------------------|-------|-----------------------------------|
| PoF   | Keypad locked           | HP    | High pressure trip alarm          |
| Pon   | Keypad unlocked         | HA    | High condenser temperature alarm  |
| P1    | Suction probe failure   | HPL   | High pressure trip lock-out alarm |
| P2    | Condenser probe failure |       |                                   |
| P3    | DLT probe failure       |       |                                   |
| dLt   | DLT temperature alarm   |       |                                   |
| dLL   | DLT lock alarm          |       |                                   |
| EE    | Module Failure          |       |                                   |

Scan for Electronic Unit Controller Alarm Code and Service Information  
052-7269-00

Note: After 15 seconds of inactivity the controller will revert to the default display

| BUTTON            | DESCRIPTION   |
|-------------------|---|
| <b>SET</b>        | Displays set point<br>In programming mode it confirms an operation. |
| <b>RESTART</b>    | Allows a manual restart and a dead band reset                       |
| <b>SERVICE</b>    | To enter the service menu.  |
| <b>Alarm menu</b> | To enter the Alarm menu.  |

Note: Fan Cycling (If Present) is controlled by the Saturated Condenser Temperature for equal runtime

**Default Factory Settings For Replacement Controller**

|          |           |           |          |           |
|----------|-----------|-----------|----------|-----------|
| Cin = 25 | AC = 6    | P1E = 135 | dly = 0  | bEn = 4   |
| CoU = 15 | ono = 0   | P1d = 15  | bMP = no | Di1 = YES |
| LS = 5   | Con = 5   | Unt = PSI | On = 2   | i1P = CL  |
| US = 135 | CoF = 5   | CF = F    | oFF = 5  | Di1 = no  |
| odS = 2  | P1i = -15 | rES = in  | Nub = 3  | i2P = CL  |

Call 1-888-367-9950 or  
see [www.EmersonClimate.com/EUC](http://www.EmersonClimate.com/EUC) for more details



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AE Bulletins



HVACR Fault Finder



Emerson X-Check™



HVAC Check & Charge



Emerson e-Saver™



Copeland™ Select



WRMobile



Vilter™ Docs



Copeland™ Mobile



Copeland X-Ref™



Emerson PTPro™



ProAct Alerts

**More Soon – We're listening to you!**

## Application Engineering Bulletins

|         |  |
|---------|--|
| 4-1255  | U.L. and C.S.A. Agency File Numbers  |
| 4-1273  | Factors to Consider in Converting Compressor Rated Capacity to Actual Capacity             |
| 4-1292  | Medium Temperature R-22 Copelaweld Compressors   |
| 4-1295  | HFC-134A Refrigerant Guidelines  |
| 4-1298  | Extended Medium Temperature R-404A/507 Hermetic Compressors and Condensing Units           |
| 4-1305  | Copeland™ AF, AR, & AS Refrigeration Hermetic Compressors for Multiple Refrigerants        |
| 4-1306  | Application Guidelines for RF Low Temperature Refrigeration Compressors                    |
| 4-1307  | Application Guidelines for CF Refrigeration Compressors and Condensing Units               |
| 5-1340  | Care and Cleaning of Air-Cooled Condensing Units   |
| 5-1174  | Water Flow Requirements and Water Pressure Drop for Copeland Water-Cooled Condensing Units |
| 4-1344  | Application Guidelines for RFT, RRT, RST Compressors                                       |
| 8-1376  | Electronic Unit Controller   |
| 11-1147 | Suction Accumulators   |
| 17-1260 | Compressor Overheating   |
| 17-1268 | Compression Ratio as it Affects Compressor Reliability                                     |
| 22-1182 | Liquid Refrigerant Control in Refrigeration and Air Conditioning Systems                   |

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