

ZRT380KCE-TED  
HFC, R-134a, 60 Hz, 3 - Phase, 460 V  
Air Conditioning

Production Status: Available for sale to all U.S. customers. Please check with your local Copeland Representative for international availability.

| Performance                |            |         | Mechanical  |              |
|----------------------------|------------|---------|---|--------------|
| Evaporator Temp. (°F)      | 45.00      | 45      | Displacement (in^3/Rev):  | 30.40        |
| Condensing Temp. (°F)      | 130.00     | 100     | Displacement (ft^3/Hr):   |              |
| Return Gas Temp. (°F)      | 65.00      | 65      | Overall Length (in):  | 29.40        |
| Liquid Temp. (°F)          | 115.00     | 85      | Overall Width (in):   | 17.30        |
| Capacity (BTU/hr)          | 253000     | 298000  | Overall Height (in):  | 23.50        |
| Power (W):                 | 22600      | 16700   | Mounting Length (in):   | 19.80        |
| Current (Amps):            | 42.7       | 35.2    | Mounting Width (in):  | 10.00        |
| EER(BTU/Wh):               | 11.2       | 17.9    | Mounting Height (in):   | 23.80        |
| Mass Flow (lbs/hr):        | 4030       | 4050    | Suction Size (in),Type:   | 1 5 / 8 Stub |
| Sound Data @               |            |         | Discharge Size (in),Type:   | 1 3 / 8 Stub |
| Sound Power (dBA):         | 86 Avg     | 91 Max  | Initial Oil Charge (oz):  | 220          |
| Vibration mils(peak-peak): | 4.0 Avg    | 6.0 Max | Oil Recharge (oz):  |              |
| Record Date:               | 2016-03-11 |         | Oil Type:   |              |
|                            |            |         | Net Weight (lbs):   | .0           |
|                            |            |         | Internal Free Volume (in^3):  |              |
|                            |            |         | *Overall compressor height on Copeland Brand Product's specified mounting grommets. |              |

| Electrical  |            | Capacitors                 |         |         |          |                        |
|---|------------|----------------------------|---------|---------|----------|------------------------|
| LRA High* (Amps):   |            | Type                       | Part No | Low MFD | High MFD | Volts User Description |
| LRA Low*(Amps):   |            | No data available in table |         |         |          |                        |
| LRA Half Winding (Amps):                                    |            |                            |         |         |          |                        |
| MCC (Amps):   |            |                            |         |         |          |                        |
| Max Operating Current (Amps):                               |            |                            |         |         |          |                        |
| RLA, MCC/1.4(use for contactor selection)(Amps):            | 1.0        |                            |         |         |          |                        |
| RLA, MCC/1.56(use for breaker & wire size selection)(Amps): |            |                            |         |         |          |                        |
| RPM:  | 3500       |                            |         |         |          |                        |
| Box IP :  |            |                            |         |         |          |                        |
| UL File No:   |            |                            |         |         |          |                        |
| UL File Date:   | 1996-06-28 |                            |         |         |          |                        |

\*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.

| Alternate Applications |         |       |           |                  |
|------------------------|---------|-------|-----------|------------------|
| Refrigerant            | Voltage | Phase | Frequency | Application      |
| R-134a HFC             | 380/420 | 3     | 50        | Air Conditioning |

|            |         |   |    |                  |
|------------|---------|---|----|------------------|
| R-407C HFC | 380/420 | 3 | 50 | Air Conditioning |
| R-407C HFC | 460     | 3 | 60 | Air Conditioning |