HFC, R-134a, 60 Hz, 3 - Phase, 460 V , Also Available with Variable Frequency Drives

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

| Evaporator Temp. (°F) 45.00 45.00 Displacement (in*3/Rev): 6.93 Condensing Temp. (°F) 45.00 65.00 Correll Length (in*): 11.10 Return Gas Temp. (°F) 15.00 85 Correll Width (in): 11.00 Liquid Temp. (°F) 15.00 67400 Correll Width (in): 11.20 Capacity (BTU/hr) 56400 3700 Mounting Length (in): 7.50 Current (Amps): 38 8.2 Mounting Width (in): 7.50 EER(BTU/Wh): 10.75 18.20 Mounting Height (in): 19.50 Bass Flow (lbs/hr): 10.75 18.20 Mounting Height (in): 19.50 Sound Data @ 10.75 18.20 Mounting Height (in): 19.50 Sound Data @ 52.4vg 87 Max Initial Oil Charge (ax): 11.76 Stub Sound Data @ 25.4vg 87 Max Initial Oil Charge (ax): 38.0 Record Date: 2023-05-19 10 Type: 60 Record (ax): 630.0 LRA Lame (Minding (Amps): 10 Type: Capacitor: | Performance | | | Mechanical | | |
|--|--|------------|----------|-------------------------------------|---------------------|--|
| Return Gas Temp. (°F) 15.00 26. | Evaporator Temp. (°F) | 45.00 | 45 | Displacement (in^3/Rev): | 6.93 | |
| Liquid Tomp. (*F) | Condensing Temp. (°F) | 130.00 | 100 | Displacement (ft^3/Hr): | | |
| Capacity (BTU/hr) 15.60 85 Overall Height (in): 18.80 Power (W): 5150 3700 Mounting Length (in): 7.50 Current (Amps): 9.8 8.2 Mounting Width (in): 7.50 EER(BTU/Wh): 10.75 18.2 Mounting Height (in): 19.50 Mass Flow (ibs/hr): 879 914 Suction Size (in),Type: 11/8 Stub Sound Data @ 52 Avg 87 Max Initial Oil Charge (oz): 85 Sound Power (dBA): 2.5 Avg 4.0 Max Oil Type: 3MA Record Date: 2023-05-19 AU Max Oil Type: 3MA Met Weight (lbs): 126.0 383.0 Poverall compressor height (lbs): 126.0 LRA High (Amps): 100 Type Part No Low MFD High MFD Vots User Description LRA Low (Amps): 18 MX Operating Current (Amps): 18 MX Operating Current (Amps): 18 MSA Operating Current (Amps): 11.5 RLA, MCC/1.56 (use for breaker &: wire size election)(Amps): 11.5 | Return Gas Temp. (°F) | 65.00 | 65 | Overall Length (in): | 11.10 | |
| Power (W): 5150 5150 3700 Mounting Length (in): 7.50 | Liquid Temp. (°F) | 115.00 | 85 | Overall Width (in): | 11.20 | |
| Current (Amps): 9.8 8.2 Mounting Width (in): 7.50 EER(BTU/Wh): 10.75 18.2 Mounting Height (in): 19.50 Mass Flow (ibs/hr): 879 914 Suction Size (in),Type: 11.78 Stub Sound Data@ 57 Max Initial Oil Charge (oz): 85 Sound Power (dBA): 2.5 Avg 4.0 Max Oil Type: 31 Record Date: 2023-05-19 12.50 Net Weight (lbs): 126.0 Net Weight (lbs): 126.0 Internal Free Volume (in^3): 639.0 **Overall compressor height on Copeland Brand Product's specified mounting grommets. **Capacitors** LRA Low'(Amps): 100 Type Part No Low MFD (High MFD) Volts User Description LRA Low'(Amps): 18 No stata available in table Max Operating Current (Amps): 18 Max Operating Current (Amps): 12.9 RLA, MCC/1.4(use for contactor selection)(Amps): 12.9 RLA, MCC/1.56(use for breaker & amp; wire size selection)(Amps): 3500 Box IP: 21 <th>Capacity (BTU/hr)</th> <th>55400</th> <th>67400</th> <th>Overall Height (in):</th> <th>18.80</th> | Capacity (BTU/hr) | 55400 | 67400 | Overall Height (in): | 18.80 | |
| EER(BTU/Wh): 10.75 18.2 Mounting Height (in): 19.50 Mass Flow (lbs/hr): 879 914 Suction Size (in),Type: 7/8 Stub Sound Data | Power (W): | 5150 | 3700 | Mounting Length (in): | 7.50 | |
| Mass Flow (lbs/hr): 879 914 Suction Size (in),Type: 7,7 8 Stub | Current (Amps): | 9.8 | 8.2 | Mounting Width (in): | 7.50 | |
| Sound Data @ State State | EER(BTU/Wh): | 10.75 | 18.2 | Mounting Height (in): | 19.50 | |
| Sound Power (dBA): 82 Avg 87 Max | Mass Flow (lbs/hr): | 879 | 914 | Suction Size (in),Type: | 1 1 / 8 Stub | |
| Note | Sound Data @ | | | Discharge Size (in),Type: | 7 / 8 Stub | |
| Not Weight (libs): 126.0 | Sound Power (dBA): | 82 Avg | 87 Max | Initial Oil Charge (oz): | 85 | |
| Net Weight (lbs): 126.0 | Vibration mils(peak-peak): | 2.5 Avg | 4.0 Max | Oil Recharge (oz): | 81 | |
| Internal Free Volume (in^3): Internal Free Volume (in^3): 639.0 *Overall compressor height on Copeland Brand Product's specified mounting grommets. | Record Date: | 2023-05-19 | | Oil Type: | ЗМА | |
| *Overall compressor height on Copeland Brand Product's specified mounting grommets. Electrical Type Part No Low MFD High MFD Volts User Description | | | | Net Weight (lbs): | 126.0 | |
| Electrical LRA High* (Amps): LRA Low*(Amps): LRA Low*(Amps): LRA Half Winding (Amps): MCC (Amps): 18 Max Operating Current (Amps): RLA, MCC/1.4(use for contactor selection)(Amps): RRA, MCC/1.56(use for breaker & amp; wire size selection)(Amps): RPM: 3500 Box IP: UL File No: Selectrical 100 Type Part No Low MFD High MFD Volts User Description High MFD Volts User Description No data available in table 18 18 18 Available In table 18 18 Available In table 18 Available In table 19 19 19 19 19 19 19 19 19 1 | | | | Internal Free Volume (in^3): | 639.0 | |
| LRA High* (Amps): LRA Low*(Amps): LRA Half Winding (Amps): MCC (Amps): MCC (Amps): 18 Max Operating Current (Amps): RLA, MCC/1.4(use for contactor selection)(Amps): RLA, MCC/1.56(use for breaker & Eamp; wire size selection)(Amps): RPM: 3500 Box IP: UL File No: SA2337- 19960927 | | | | | Product's specified | |
| LRA Low*(Amps): LRA Half Winding (Amps): MCC (Amps): Max Operating Current (Amps): RLA, MCC/1.4(use for contactor selection)(Amps): RLA, MCC/1.56(use for breaker & amp; wire size selection)(Amps): RPM: 3500 Box IP: UL File No: SA2337-19960927 | Electrical | | | Capacitors | | |
| LRA Half Winding (Amps): MCC (Amps): 18 Max Operating Current (Amps): RLA, MCC/1.4(use for contactor selection)(Amps): RLA, MCC/1.56(use for breaker & amp; wire size selection)(Amps): RPM: 3500 Box IP: UL File No: SA2337-19960927 | LRA High* (Amps): | | 100 | Type Part No Low MFD High MFD Volts | User Description | |
| MCC (Amps): Max Operating Current (Amps): RLA, MCC/1.4(use for contactor selection)(Amps): RLA, MCC/1.56(use for breaker & wire size selection)(Amps): RPM: 3500 Box IP: UL File No: SA2337-19960927 | LRA Low*(Amps): | | | No data available in table | | |
| Max Operating Current (Amps): RLA, MCC/1.4(use for contactor selection)(Amps): RLA, MCC/1.56(use for breaker & amp; wire size selection)(Amps): RPM: 3500 Box IP: UL File No: SA2337-19960927 | LRA Half Winding (Amps): | | | | | |
| RLA, MCC/1.4(use for contactor selection)(Amps): 12.9 RLA, MCC/1.56(use for breaker & amp; wire size selection)(Amps): 11.5 RPM: 3500 Box IP: 21 UL File No: SA2337-19960927 | MCC (Amps): | | 18 | | | |
| RLA, MCC/1.56(use for breaker & amp; wire size selection)(Amps): RPM: 3500 Box IP: 21 UL File No: SA2337-19960927 | Max Operating Current (Amps): | | 14.10 | | | |
| selection)(Amps): RPM: 3500 Box IP: 21 UL File No: SA2337-19960927 | RLA, MCC/1.4(use for contactor selection)(Amps): | | 12.9 | | | |
| Box IP: 21 UL File No: SA2337- 19960927 | | | 11.5 | | | |
| UL File No: SA2337- 19960927 | RPM: | | 3500 | | | |
| 19960927 | Box IP : | | 21 | | | |
| UL File Date: 1996-09- | UL File No: | | SA2337- | | | |
| 27 | | | 19960927 | | | |

European Pressure Equipment Directive (PED):

| Fluid Group**: | FG 2 |
|---------------------------|----------------|
| PS Low / High Side (BAR): | 20.0 / 32.0 |
| TS Min (°C): | -35 / -35 |
| TS Max (°C): | 50 / 150 |

Volume (L):

Alternate Applications

| Refrigerant | Voltage | Phase | Frequency | Application |
|-------------|---------|-------|-----------|------------------|
| R-134a HFC | 380/420 | 3 | 50 | Air Conditioning |
| R-22 HCFC | 380/420 | 3 | 50 | Air Conditioning |
| R-22 HCFC | 460 | 3 | 60 | Air Conditioning |
| R-407C HFC | 460 | 3 | 60 | Air Conditioning |
| R-407C HFC | 380/420 | 3 | 50 | Air Conditioning |

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