

Air Conditioning

Production Status: Preliminary data only - Contact your Copeland Representative.

| Performance | | | Mechanical | |
|----------------------------|------------|---------|---|------------|
| Evaporator Temp. (°F) | 45.00 | 45 | Displacement (in ³ /Rev): | 6.22 |
| Condensing Temp. (°F) | 130.00 | 100 | Displacement (ft ³ /Hr): | |
| Return Gas Temp. (°F) | 65.00 | 65 | Overall Length (in): | 11.38 |
| Liquid Temp. (°F) | 115.00 | 85 | Overall Width (in): | 9.38 |
| Capacity (BTU/hr) | 59600 | 78400 | Overall Height (in): | 16.13 |
| Power (W): | 6010 | 5140 | Mounting Length (in): | 7.50 |
| Current (Amps): | 26.85 | 23.05 | Mounting Width (in): | 7.50 |
| EER(BTU/Wh): | 9.9 | 15.25 | Mounting Height (in): | 16.50 |
| Mass Flow (lbs/hr): | 865 | 973 | Suction Size (in),Type: | 7 / 8 Stub |
| Sound Data @ | | | Discharge Size (in),Type: | 1 / 2 Stub |
| Sound Power (dBA): | 0 Avg | 0 Max | Initial Oil Charge (oz): | 70 |
| Vibration mils(peak-peak): | 5.0 Avg | 6.0 Max | Oil Recharge (oz): | 66 |
| Record Date: | 2010-09-14 | | Oil Type: | POE |
| | | | Net Weight (lbs): | 91.0 |
| | | | Internal Free Volume (in ³): | |
| | | | Horse Power: | |
| | | | *Overall compressor height on Copeland Brand Product's specified mounting grommets. | |

| Electrical | | Capacitors | | | | | |
|---|------------|----------------------------|---------|---------|----------|-------|------------------|
| | | Type | Part No | Low MFD | High MFD | Volts | User Description |
| LRA High* (Amps): | 142.0 | No data available in table | | | | | |
| LRA Low*(Amps): | | | | | | | |
| LRA Half Winding (Amps): | | | | | | | |
| MCC (Amps): | 48 | | | | | | |
| Max Operating Current (Amps): | | | | | | | |
| RLA, MCC/1.4(use for contactor selection)(Amps): | 34.3 | | | | | | |
| RLA, MCC/1.56(use for breaker & wire size selection)(Amps): | 30.8 | | | | | | |
| RPM: | | | | | | | |
| Box IP : | | | | | | | |
| UL File No: | | | | | | | |
| UL File Date: | 1984-12-28 | | | | | | |

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

| Refrigerant | Voltage | Phase | Frequency | Application |
|-------------|---------|-------|-----------|------------------|
| R-22 HCFC | 208/230 | 1 | 60 | Air Conditioning |
| R-407C HFC | 200 | 1 | 50 | Air Conditioning |