

9RB1-050A-TFC

CFC, R-12, 60 Hz, 3 -Phase, 208/230 V
Low Temperature



Production Status: This compressor and/or application of this compressor is not available to U.S. OEM customers. A field replacement is currently available through a U.S. Emerson Climate Technologies Wholesaler. Please check with your local Emerson Climate Technologies Representative for international availability.

Performance

| | | |
|----------------------------|------------|---------|
| Evaporator Temp. (°F) | -25 | -40 |
| Condensing Temp. (°F) | 105 | 105 |
| Return Gas Temp. (°F) | 65 | 65 |
| Liquid Temp. (°F) | 105 | 105 |
| Capacity (Btu/hr) | 16000 | 8510 |
| Power (W): | 3500 | 2690 |
| Current (Amps): | 11.50 | 9.60 |
| EER (Btu/Wh): | 4.60 | 3.20 |
| Mass Flow (lbs/hr): | 291 | 154 |
| <u>Sound Data @</u> | | |
| Sound Power (dBA): | 0 Avg | 0 Max |
| Vibration mils(peak-peak): | 0.0 Avg | 0.0 Max |
| Record Date: | 2006-09-20 | |

Mechanical

| | |
|---|-------------|
| Displacment(in ³ /Rev): | 26.58 |
| Displacment(ft ³ /hr): | 1615.11 |
| Overall Length (in): | 25.72 |
| Overall Width (in): | 15.06 |
| Overall Height (in): | 17.59 |
| Mounting Length (in): | 15.00 |
| Mounting Width (in): | 12.00 |
| Mounting Height (in): | 18.63 * |
| Suction Size (in),Type: | 1 3/8 Sweat |
| Discharge Size (in),Type: | 7/8 Sweat |
| Initial Oil Charge (oz): | 115 |
| Oil Recharge (oz): | 105 |
| Net Weight (lbs): | 285.0 |
| Internal Free Volume (in ³): | |
| Horse Power: | |
| *Overall compressor height on Copeland Brand Product's specified mounting grommets. | |

Electrical

| | |
|---|-------|
| LRA-High*(Amp): | 115.0 |
| LRA Low* (Amp): | |
| LRA-Half Winding (Amp): | |
| MCC (Amps): | 22.3 |
| Max Operating Current(Amp): | |
| RLA, MCC/1.4;use for contactor selection (Amp): | 15.9 |
| RLA, MCC/1.56;use for breaker & wire size selection (Amp): | 14.3 |
| RPM: | |
| UL File No: | |
| UL File Date: | |
| *Low and High refer to the low and high nominal voltage ranges for which the motor is approved. | |

Capacitors

Alternate Applications

| Refrigerant | Voltage | Phase | Freq (Hz) | Application |
|-------------|---------|-------|-----------|-----------------|
| R-12 CFC | 200/220 | 3 | 50 | Low Temperature |