

RRT81C1E-PFA

HFO, R-450A, 60 Hz, 1 - Phase, 115 V

High Temp

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 | 20 | Displacement (in ³ /Rev): | 1.45 | |
| Condensing Temp. (°F) | 130.00 | 120 | Displacement (ft ³ /Hr): | | |
| Return Gas Temp. (°F) | 65.00 | 65 | Overall Length (in): | 10.30 | |
| Liquid Temp. (°F) | 130.00 | 120 | Overall Width (in): | 6.93 | |
| Capacity (BTU/hr) | 8020 | 4860 | Overall Height (in): | 9.84 | |
| Power (W): | 918 | 692 | Mounting Length (in): | 8.00 | |
| Current (Amps): | 9.3 | 7.35 | Mounting Width (in): | 4.80 | |
| EER(BTU/Wh): | 8.75 | 7 | Mounting Height (in): | 10.43 | |
| Mass Flow (lbs/hr): | 147 | 81.5 | Suction Size (in),Type: | 1 / 2 Stub | |
| Sound Data @ | | | Discharge Size (in),Type: | 3 / 8 Stub | |
| Sound Power (dBA): | 0 Avg | 0 Max | Initial Oil Charge (oz): | 22 | |
| Vibration mils(peak-peak): | 0.0 Avg | 0.0 Max | Oil Recharge (oz): | 20 | |
| Record Date: | 2017-06-29 | | Oil Type: | POE | |
| | | | Net Weight (lbs): | 39.2 | |
| | | | 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): | 70.0 | No data available in table | | | | |
| LRA Low*(Amps): | | | | | | |
| LRA Half Winding (Amps): | | | | | | |
| MCC (Amps): | 18.2 | | | | | |
| Max Operating Current (Amps): | | | | | | |
| RLA, MCC/1.4(use for contactor selection)(Amps): | 13.0 | | | | | |
| RLA, MCC/1.56(use for breaker & wire size selection)(Amps): | 11.7 | | | | | |
| RPM: | 3500 | | | | | |
| Box IP : | | | | | | |
| UL File No: | | | | | | |
| UL File Date: | | | | | | |

*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 | 115 | 1 | 60 | High Temp |
| R-513A HFO | 115 | 1 | 60 | High Temp |