

RST45C1E-IAA

HFC, R-407C, 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): | .89 | |
| 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): | 7.10 | |
| Capacity (BTU/hr) | 6720 | 4020 | Overall Height (in): | 8.69 | |
| Power (W): | 975 | 745 | Mounting Length (in): | 8.00 | |
| Current (Amps): | 22.9 | 17.8 | Mounting Width (in): | 4.80 | |
| EER(BTU/Wh): | 6.9 | 5.4 | Mounting Height (in): | 9.31 | |
| Mass Flow (lbs/hr): | 107 | 58 | Suction Size (in),Type: | 3 / 8 Stub | |
| Sound Data @ | | | Discharge Size (in),Type: | 1 / 4 Stub | |
| Sound Power (dBA): | 0 Avg | 0 Max | Initial Oil Charge (oz): | 15 | |
| Vibration mils(peak-peak): | 0.0 Avg | 0.0 Max | Oil Recharge (oz): | 13 | |
| Record Date: | 2012-05-01 | | Oil Type: | POE | |
| | | | Net Weight (lbs): | 37.2 | |
| | | | 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): | 54.5 | No data available in table | | | | |
| LRA Low*(Amps): | | | | | | |
| LRA Half Winding (Amps): | | | | | | |
| MCC (Amps): | 14.7 | | | | | |
| Max Operating Current (Amps): | | | | | | |
| RLA, MCC/1.4(use for contactor selection)(Amps): | 10.5 | | | | | |
| RLA, MCC/1.56(use for breaker & wire size selection)(Amps): | 9.4 | | | | | |
| 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-404A HFC | 115 | 1 | 60 | Extended Medium Temp |
| R-448A HFO | 115 | 1 | 60 | Medium Temperature |
| R-449A HFO | 115 | 1 | 60 | Medium Temperature |