

RST45C1E-CAA

HFC, R-404A, 60Hz, 1- Phase, 115 V

Extended Medium Temp



Production Status: Available for sale to all U.S. customers. Please check with your local Emerson Climate Technologies Representative for international availability.

Performance

| | | |
|------------------------------|--------------|--------------|
| Evap(°F)/Cond(°F) | 20 / 120 | -10 / 120 |
| RG(°F)/Liq(°F) | 40.0 / 120.0 | 40.0 / 120.0 |
| Capacity (Btu/hr) | 4250 | 1890 |
| Power (Watts): | 830 | 575 |
| Current (Amps): | 7.80 | 5.60 |
| EER (Btu/Wh): | 5.10 | 3.30 |
| Mass Flow (lbs/hr): | 101 | 43 |
| Sound Power (dBA): | 62 Avg | 68 Max |
| Vibration (mils(peak-peak)): | | |
| Record Date: | 2013-01-24 | |

Mechanical

| | | | |
|---|----------|------------------------------|--------|
| Number of Cylinders: | 1 | Displ(in ³ /Rev): | 0.89 |
| Bore Size(in): | 1.34 | Displ(ft ³ /hr): | 107.75 |
| Stroke(in): | 0.62 | | |
| Overall Length (in): | 10.30 | Mounting Length (in): | 8.00 |
| Overall Width (in): | 7.10 | Mounting Width (in): | 4.80 |
| Overall Height (in): | 8.69 | Mounting Height (in): | 9.31 * |
| Suction Size (in): | 3/8 Stub | | |
| Discharge Size (in): | 1/4 Stub | | |
| Oil Recharge (oz): | 13 | | |
| Initial Oil Charge (oz): | 15 | | |
| Net Weight (lbs): | 37.2 | | |
| Internal Free Volume (in ³): | | | |
| Horse Power: | | | |
| *Overall compressor height on Copeland Brand Product's specified mounting grommets. | | | |

Electrical

| | | | | | |
|---|-------------|------------------------|----------|---------------|------------------|
| LRA-High*: | 54.5 | MCC (Amps): | 14.7 | UL File No: | SA-2337 |
| LRA-Half Winding: | | RPM: | 3500 | UL File Date: | 23-Jun-1972 |
| LRA Low*: | | Max Operating Current: | | | |
| RLA(=MCC/1.4;use for contactor selection): | | 10.5 | | | |
| RLA(=MCC/1.56;use for breaker & wire size selection): | | 9.4 | | | |
| *Low and High refer to the low and high nominal voltage ranges for which the motor is approved. | | | | | |
| Type | Part No | Low MFD | High MFD | Volts | User Description |
| Start Capacitor | 014-0061-32 | 243.0 | 292.0 | 165 | |
| Run Capacitor | 014-0064-13 | 35.0 | 0.0 | 440 | |

Alternate Applications

| | | | | |
|-------------|-----------|-------|---------|-------------|
| Refrigerant | Freq (Hz) | Phase | Voltage | Application |
| R-407C HFC | 60 | 1 | 115 | High Temp |