

**RST40C1-IAA**

HCFC, R-22, 60 Hz, 1 - Phase, 115 V

**High Temp**

**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 Copeland Representative for international availability.

| Performance   |            |         | Mechanical  |            |         |          |       |                  |
|---|------------|---------|---|------------|---------|----------|-------|------------------|
| Evaporator Temp. (°F)                                       | 45.00      | 20      | Displacement (in <sup>3</sup> /Rev):  | .77        |         |          |       |                  |
| Condensing Temp. (°F)                                       | 130.00     | 120     | Displacement (ft <sup>3</sup> /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)   | 5930       | 3590    | Overall Height (in):  | 8.70       |         |          |       |                  |
| Power (W):  | 832        | 653     | Mounting Length (in):   | 8.00       |         |          |       |                  |
| Current (Amps):   | 9.8        | 7.8     | Mounting Width (in):  | 4.80       |         |          |       |                  |
| EER(BTU/Wh):  | 7.1        | 5.5     | Mounting Height (in):   | 9.30       |         |          |       |                  |
| Mass Flow (lbs/hr):   | 94         | 53      | 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:  | 2011-12-01 |         | Oil Type:   | ABO        |         |          |       |                  |
|   |            |         | Net Weight (lbs):   | 36.8       |         |          |       |                  |
|   |            |         | Internal Free Volume (in <sup>3</sup> ):  |            |         |          |       |                  |
|   |            |         | Horse Power:  |            |         |          |       |                  |
|   |            |         | *Overall compressor height on Copeland Brand Product's specified mounting grommets. |            |         |          |       |                  |
| Electrical  |            |         | Capacitors  |            |         |          |       |                  |
| LRA High* (Amps):   | 50.0       |         | Type  | Part No    | Low MFD | High MFD | Volts | User Description |
| LRA Low*(Amps):   |            |         | No data available in table  |            |         |          |       |                  |
| LRA Half Winding (Amps):                                    |            |         |   |            |         |          |       |                  |
| MCC (Amps):   | 15.4       |         |   |            |         |          |       |                  |
| Max Operating Current (Amps):                               |            |         |   |            |         |          |       |                  |
| RLA, MCC/1.4(use for contactor selection)(Amps):            | 11.0       |         |   |            |         |          |       |                  |
| RLA, MCC/1.56(use for breaker & wire size selection)(Amps): | 9.9        |         |   |            |         |          |       |                  |
| 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.

| Refrigerant | Voltage | Phase | Frequency | Application        |
|-------------|---------|-------|-----------|--------------------|
| R-22 HCFC   | 115     | 1     | 60        | Medium Temperature |