

ZB29KQE-PFV  
HFC, R-404A, 60 Hz, 1 - Phase, 208/230 V  
Medium Temperature  
Production Status: Asia Use Only

| Performance                |            |         | Mechanical                                                                          |                  |
|----------------------------|------------|---------|-------------------------------------------------------------------------------------|------------------|
| Evaporator Temp. (°F)      | 20.00      | 45      | Displacement (in^3/Rev):                                                            | 4.00             |
| Condensing Temp. (°F)      | 120.00     | 130     | Displacement (ft^3/Hr):                                                             |                  |
| Return Gas Temp. (°F)      | 65.00      | 65      | Overall Length (in):                                                                | 9.55             |
| Liquid Temp. (°F)          | 120.00     | 130     | Overall Width (in):                                                                 | 9.55             |
| Capacity (BTU/hr)          | 29300      | 42300   | Overall Height (in):                                                                | 16.45            |
| Power (W):                 | 4360       | 4940    | Mounting Length (in):                                                               | 7.50             |
| Current (Amps):            | 19.7       | 22.2    | Mounting Width (in):                                                                | 7.50             |
| EER(BTU/Wh):               | 6.7        | 8.55    | Mounting Height (in):                                                               | 17.20            |
| Mass Flow (lbs/hr):        | 619        | 1040    | Suction Size (in),Type:                                                             | 1 1 / 4 Rotalock |
| Sound Data @               |            |         | Discharge Size (in),Type:                                                           | 1 Rotalock       |
| Sound Power (dBA):         | 72 Avg     | 77 Max  | Initial Oil Charge (oz):                                                            | 46               |
| Vibration mils(peak-peak): | 2.0 Avg    | 3.0 Max | Oil Recharge (oz):                                                                  | 42               |
| Record Date:               | 2008-04-03 |         | Oil Type:                                                                           | POE              |
|                            |            |         | Net Weight (lbs):                                                                   | 68.0             |
|                            |            |         | Internal Free Volume (in^3):                                                        | 190.0            |
|                            |            |         | *Overall compressor height on Copeland Brand Product's specified mounting grommets. |                  |

| Electrical                                                  |                 | Capacitors      |             |         |          |       |                  |
|-------------------------------------------------------------|-----------------|-----------------|-------------|---------|----------|-------|------------------|
| LRA High* (Amps):                                           | 137             | Type            | Part No     | Low MFD | High MFD | Volts | User Description |
| LRA Low*(Amps):                                             |                 | Run Capacitor   | 014-0064-18 | 60.0    | 0.0      | 440   |                  |
| LRA Half Winding (Amps):                                    |                 |                 |             |         |          |       |                  |
| MCC (Amps):                                                 | 35              | Start Capacitor | 014-0061-27 | 88.0    | 106.0    | 330   |                  |
| Max Operating Current (Amps):                               | 23.50           |                 |             |         |          |       |                  |
| RLA, MCC/1.4(use for contactor selection)(Amps):            | 25.0            |                 |             |         |          |       |                  |
| RLA, MCC/1.56(use for breaker & wire size selection)(Amps): | 22.4            |                 |             |         |          |       |                  |
| RPM:                                                        | 3500            |                 |             |         |          |       |                  |
| Box IP :                                                    | 21              |                 |             |         |          |       |                  |
| UL File No:                                                 | SA2337-19950228 |                 |             |         |          |       |                  |
| UL File Date:                                               | 1995-02-28      |                 |             |         |          |       |                  |

\*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 |
|-------------|---------|-------|-----------|-------------|
|-------------|---------|-------|-----------|-------------|