

ZP120KCE-TFD

HFC, R-410A, 60 Hz, 3 -Phase, 460 V

Air Conditioning



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

Performance

| | | |
|----------------------------|------------|---------|
| Evaporator Temp. (°F) | 45 | 35 |
| Condensing Temp. (°F) | 130 | 120 |
| Return Gas Temp. (°F) | 65 | 55 |
| Liquid Temp. (°F) | 115 | 105 |
| Capacity (Btu/hr) | 123000 | 109000 |
| Power (W): | 11100 | 9760 |
| Current (Amps): | 16.40 | 14.90 |
| EER (Btu/Wh): | 11.10 | 11.20 |
| Mass Flow (lbs/hr): | 1815 | 1525 |
| <u>Sound Data @</u> | | |
| Sound Power (dBA): | 79 Avg | 84 Max |
| Vibration mils(peak-peak): | 3.0 Avg | 4.5 Max |
| Record Date: | 2017-03-22 | |

Electrical

| | |
|---|------------|
| LRA-High*(Amp): | 125.0 |
| LRA Low* (Amp): | |
| LRA-Half Winding (Amp): | |
| MCC (Amps): | 28.0 |
| Max Operating Current(Amp): | 22.0 |
| RLA, MCC/1.4;use for contactor selection (Amp): | 20.0 |
| RLA, MCC/1.56;use for breaker & wire size selection (Amp): | 17.9 |
| RPM: | 3500 |
| UL File No: | SA-2337 |
| UL File Date: | 1996-09-27 |
| *Low and High refer to the low and high nominal voltage ranges for which the motor is approved. | |

Mechanical

| | |
|---|------------|
| Displacment(in^3/Rev): | 6.93 |
| Displacment(ft^3/hr): | 842.19 |
| Overall Length (in): | 10.38 |
| Overall Width (in): | 11.23 |
| Overall Height (in): | 21.00 |
| Mounting Length (in): | 7.50 |
| Mounting Width (in): | 7.50 |
| Mounting Height (in): | 21.75 * |
| Suction Size (in),Type: | 1 3/8 Stub |
| Discharge Size (in),Type: | 7/8 Stub |
| Initial Oil Charge (oz): | 110 |
| Oil Recharge (oz): | 106 |
| Net Weight (lbs): | 135.0 |
| Internal Free Volume (in^3): | 809.0 |
| Horse Power: | |
| *Overall compressor height on Copeland Brand Product's specified mounting grommets. | |

Capacitors

Alternate Applications

| <u>Refrigerant</u> | <u>Voltage</u> | <u>Phase</u> | <u>Freq (Hz)</u> | <u>Application</u> |
|--------------------|----------------|--------------|------------------|--------------------|
| R-410A HFC | 380/420 | 3 | 50 | Air Conditioning |