# ZPT166KCE-TF5 Tandem

HFC, R-410A, 60 Hz, 3 -Phase, 200/230 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 | 45 |
| Condensing Temp. (°F) | 130 | 100 |
| Return Gas Temp. (°F) | 65 | 65 |
| Liquid Temp. (°F) | 115 | 85 |
| Capacity (Btu/hr) | 164000 | 199000 |
| Power (W): | 15300 | 10900 |
| Current (Amps): | 44.00 | 33.20 |
| EER (Btu/Wh): | 10.70 | 18.30 |
| Mass Flow (lbs/hr): | 2410 | 2460 |
| Sound Data @ | | |
| Sound Power (dBA): | 78 Avg | 83 Max |
| Vibration mils(peak-peak): | 2.5 Avg | 3.5 Max |
| Record Date: | 2015-09-03 | |

## Mechanical

| | |
|---|---|
| Displacment(in^3/Rev): | 9.42 |
| Displacment(ft^3/hr): | 1144.79 |
| Overall Length (in): | 24.65 |
| Overall Width (in): | 11.69 |
| Overall Height (in): | 18.80 |
| Mounting Length (in): | 21.50 |
| Mounting Width (in): | 7.50 |
| Mounting Height (in): | 19.13 * |
| Suction Size (in),Type: | 1 1/8 Stub |
| Discharge Size (in),Type: | 3/4 Stub |
| Initial Oil Charge (oz): | 114 |
| Oil Recharge (oz): | 106 |
| Net Weight (lbs): | 186.0 |
| Internal Free Volume (in^3): | |
| Horse Power: | |

*Overall compressor height on Copeland Brand Product's specified mounting grommets.

## Electrical

| | |
|---|---|
| LRA-High*(Amp): | |
| LRA Low* (Amp): | |
| LRA-Half Winding (Amp): | |
| MCC (Amps): | |
| Max Operating Current(Amp): | |
| RLA, MCC/1.4;use for contactor selection (Amp): | |
| RLA, MCC/1.56;use for breaker & wire size selection (Amp): | |
| RPM: | 3500 |
| UL File No: | |
| UL File Date: | 1996-06-28 |

*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.

## Capacitors

## Alternate Applications

| Refrigerant | Voltage | Phase | Freq (Hz) | Application |
|---|---|---|---|---|
| R-410A HFC | 200/220 | 3 | 50 | Air Conditioning |
| R-410A HFC | 200/230 | 3 | 60 | A/C, Half of Even Tandem |
| R-410A HFC | 200/220 | 3 | 50 | A/C, Half of Even Tandem |



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