

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
<u>Sound Data @</u>		
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**

<u>Refrigerant</u>	<u>Voltage</u>	<u>Phase</u>	<u>Freq (Hz)</u>	<u>Application</u>
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