

ZPT166KCE-TF5HFC, R-410A, 60 Hz, 3 - Phase, 200/230 V . [Also Available with Variable Frequency Drives](#)**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			Mechanical	
Evaporator Temp. (°F)	45	45	Displacement (in ³ /Rev):	9.42
Condensing Temp. (°F)	130	100	Displacement (ft ³ /Hr):	
Return Gas Temp. (°F)	65	65	Overall Length (in):	24.65
Liquid Temp. (°F)	115	85	Overall Width (in):	11.69
Capacity (BTU/hr)	164000	199000	Overall Height (in):	18.80
Power (W):	15300	10900	Mounting Length (in):	21.50
Current (Amps):	44	33.2	Mounting Width (in):	7.50
EER(BTU/Wh):	10.7	18.3	Mounting Height (in):	19.13
Mass Flow (lbs/hr):	2410	2460	Suction Size (in),Type:	1 1 / 8 Stub
Sound Data @			Discharge Size (in),Type:	3 / 4 Stub
Sound Power (dBA):	78 Avg	83 Max	Initial Oil Charge (oz):	114
Vibration mils(peak-peak):	2.5 Avg	3.5 Max	Oil Recharge (oz):	106
Record Date:	2015-09-03		Net Weight (lbs):	186.0
			Internal Free Volume (in ³):	
			Horse Power:	
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical		Capacitors					
LRA High* (Amps):		Type	Part No	Low MFD	High MFD	Volts	User Description
LRA Low*(Amps):		No data available in table					
LRA Half Winding (Amps):							
MCC (Amps):	0						
Max Operating Current (Amps):							
RLA, MCC/1.4(use for contactor selection)(Amps):							
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):							
RPM:	3500						
Box IP :							
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.

Alternate Applications

Refrigerant	Voltage	Phase	Frequency	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
