

**ZP61KCE-TF5**

HFC, 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)	45.00	45	Displacement (in <sup>3</sup> /Rev):	3.55
Condensing Temp. (°F)	130.00	100	Displacement (ft <sup>3</sup> /Hr):	
Return Gas Temp. (°F)	65.00	65	Overall Length (in):	9.69
Liquid Temp. (°F)	115.00	85	Overall Width (in):	9.69
Capacity (BTU/hr)	61500	76000	Overall Height (in):	17.91
Power (W):	5700	4010	Mounting Length (in):	7.50
Current (Amps):	16.8	12.8	Mounting Width (in):	7.50
EER(BTU/Wh):	10.8	19	Mounting Height (in):	18.16
Mass Flow (lbs/hr):	910	945	Suction Size (in),Type:	7 / 8 Stub
Sound Data @			Discharge Size (in),Type:	1 / 2 Stub
Sound Power (dBA):	74 Avg	79 Max	Initial Oil Charge (oz):	56
Vibration mils(peak-peak):	2.0 Avg	3.0 Max	Oil Recharge (oz):	52
Record Date:	2007-11-07		Oil Type:	3MA
			Net Weight (lbs):	88.8
			Internal Free Volume (in <sup>3</sup> ):	274.0
			Horse Power:	
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical		Capacitors				
LRA High* (Amps):	123.0	Type	Part No	Low MFD	High MFD	Volts User Description
LRA Low*(Amps):		No data available in table				
LRA Half Winding (Amps):						
MCC (Amps):	29.7					
Max Operating Current (Amps):	22.0					
RLA, MCC/1.4(use for contactor selection)(Amps):	21.2					
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	19.0					
RPM:	3500					
Box IP :	21					
UL File No:						
UL File Date:	1993-07-26					

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

**Alternate Applications**

<b>Refrigerant</b>	<b>Voltage</b>	<b>Phase</b>	<b>Frequency</b>	<b>Application</b>
R-410A HFC	200/220	3	50	Air Conditioning