

**ZP54K5E-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	50	Displacement (in <sup>3</sup> /Rev):	3.12
Condensing Temp. (°F)	130.00	100	Displacement (ft <sup>3</sup> /Hr):	
Return Gas Temp. (°F)	65.00	70	Overall Length (in):	9.56
Liquid Temp. (°F)	115.00	85	Overall Width (in):	9.56
Capacity (BTU/hr)	54300	73600	Overall Height (in):	16.94
Power (W):	5070	3400	Mounting Length (in):	7.50
Current (Amps):	14.4	10.45	Mounting Width (in):	7.50
EER(BTU/Wh):	10.7	21.7	Mounting Height (in):	17.17
Mass Flow (lbs/hr):	799	905	Suction Size (in),Type:	7 / 8 Stub
Sound Data @			Discharge Size (in),Type:	1 / 2 Stub
Sound Power (dBA):	71 Avg	76 Max	Initial Oil Charge (oz):	42
Vibration mils(peak-peak):	2.0 Avg	3.0 Max	Oil Recharge (oz):	36
Record Date:	2017-03-01		Oil Type:	3MA
			Net Weight (lbs):	71.6
			Internal Free Volume (in <sup>3</sup> ):	190.8
			Horse Power:	
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical		Capacitors					
		Type	Part No	Low MFD	High MFD	Volts	User Description
LRA High* (Amps):	110.0	No data available in table					
LRA Low*(Amps):							
LRA Half Winding (Amps):							
MCC (Amps):	24.4						
Max Operating Current (Amps):	20.0						
RLA, MCC/1.4(use for contactor selection)(Amps):	17.4						
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	15.6						
RPM:	3500						
Box IP :	21						
UL File No:	SA-2337						
UL File Date:	2014-03-21						

\*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