

ZP57K3E-TFD

HFC, R-410A, 50Hz, 3- Phase, 380/420 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

<u>Evap(°C)/Cond(°C)</u>	<u>7.2 / 54.4</u>	<u>7.2 / 37.8</u>
<u>RG(°C)/Liq(°C)</u>	<u>18.3 / 46.1</u>	<u>18.3 / 29.4</u>
Capacity (Watts)	13900	17100
Power (Watts):	4610	3000
Current (Amps):	8.10	6.20
EER (COP):	3.02	5.71
Mass Flow (g/s):	88	92
Sound Power (dBA):	71 Avg	76 Max
Vibration (mm(peak- Record Date:	0.051 Avg	0.076 Max
	2009-06-25	

Mechanical

Number of Cylinders:	0	Displ(cm ³ /Rev):	54.25
Bore Size(mm):	0.00	Displ(meters ³ /hr):	9.44
Stroke(mm):	0.00		
Overall Length (mm):	244.6	Mounting Length (mm):	190.50
Overall Width (mm):	249.4	Mounting Width (mm):	190.50
Overall Height (mm):	454.9	Mounting Height (mm):	461.2 *
Suction Size (mm):		22 7/32 Stub	
Discharge Size (mm):		12 11/16 Stub	
Oil Recharge (ml):		1538	
Initial Oil Charge (ml):		1656	
Net Weight (kg):		41.73	
Internal Free Volume (cm ³):		4458.08	
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	74.0	MCC (Amps):	15.0	UL File No:	SA-2337
LRA-Half Winding:		RPM:		UL File Date:	26-Jul-1993
LRA Low*:	67.0	Max Operating Current:	11.0		
RLA(=MCC/1.4;use for contactor selection):		10.7			
RLA(=MCC/1.56;use for breaker & wire size		9.6			
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					

Alternate Applications

<u>Refrigerant</u>	<u>Freq (Hz)</u>	<u>Phase</u>	<u>Voltage</u>	<u>Application</u>
R-410A HFC	60	3	460	Air Conditioning