

ZP16K5E-PFV

HFC, R-410A, 60Hz, 1- Phase, 208/230 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

Evap(°F)/Cond(°F)	<u>45 / 130</u>	<u>50 / 100</u>
RG(°F)/Liq(°F)	<u>65 / 115</u>	<u>70 / 85</u>
Capacity (Btu/hr)	15500	21500
Power (Watts):	1660	1080
Current (Amps):	7.30	4.80
EER (Btu/Wh):	9.30	20.00
Mass Flow (lbs/hr):	228	264
Sound Power (dBA):	66 Avg	71 Max
Vibration (mils(peak- Record Date:	2.0 Avg 2012-12-10	3.0 Max

Mechanical

Number of Cylinders:	0	Displ(in ³ /Rev):	0.92
Bore Size(in):	0.00	Displ(ft ³ /hr):	111.81
Stroke(in):	0.00		
Overall Length (in):	9.56	Mounting Length (in):	7.50
Overall Width (in):	9.56	Mounting Width (in):	7.50
Overall Height (in):	15.27	Mounting Height (in):	16.02 *
Suction Size (in):		3/4 Stub	
Discharge Size (in):		1/2 Stub	
Oil Recharge (oz):		21	
Initial Oil Charge (oz):		25	
Net Weight (lbs):		47.4	
Internal Free Volume (in ³):		122.7	
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	48.0	MCC (Amps):	14.0	UL File No:	SA-2337
LRA-Half Winding:		RPM:		UL File Date:	16-Dec-2003
LRA Low*:		Max Operating Current:	9.1		
RLA(=MCC/1.4;use for contactor selection):		10			
RLA(=MCC/1.56;use for breaker & wire size		9			
*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>
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