

ZP31KSE-PFZ

HFC, R-410A, 50Hz, 1- Phase, 220/240 V

Air Conditioning



Production Status: Non U.S. model with restricted sales - Contact your Emerson Climate Technologies Representative.

Performance

<u>Evap(°F)/Cond(°F)</u>	<u>45 / 130</u>	<u>45 / 100</u>
<u>RG(°F)/Liq(°F)</u>	<u>65 / 115</u>	<u>65 / 85</u>
Capacity (Btu/hr)	25100	31500
Power (Watts):	2550	1670
Current (Amps):	11.80	7.75
EER (Btu/Wh):	9.85	18.85
Mass Flow (lbs/hr):	371	390
Sound Power (dBA):	66 Avg	71 Max
Vibration (mils(peak- Record Date:	2.0 Avg 2009-03-26	3.0 Max

Mechanical

Number of Cylinders:	0	Displ(in ³ /Rev):	1.80
Bore Size(in):	0.00	Displ(ft ³ /hr):	181.25
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):		50.2	
Internal Free Volume (in ³):		119.4	
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	67.0	MCC (Amps):	21.0	UL File No:
LRA-Half Winding:		RPM:		UL File Date:
LRA Low*:	61.0	Max Operating Current:	17.1	
RLA(=MCC/1.4;use for contactor selection):		15		
RLA(=MCC/1.56;use for breaker & wire size		13.5		
*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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