

# ZP36KSE-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)	30000	37400
Power (Watts):	2940	1950
Current (Amps):	14.05	9.65
EER (Btu/Wh):	10.20	19.20
Mass Flow (lbs/hr):	443	462
Sound Power (dBA):	68 Avg	73 Max
Vibration (mils(peak- Record Date: 2009-03-26	2.0 Avg	3.0 Max

## Mechanical

Number of Cylinders:	0	Displ(in <sup>3</sup> /Rev):	2.10
Bore Size(in):	0.00	Displ(ft <sup>3</sup> /hr):	211.46
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):	16.50	Mounting Height (in):	17.25 *
Suction Size (in):		7/8 Stub	
Discharge Size (in):		1/2 Stub	
Oil Recharge (oz):		38	
Initial Oil Charge (oz):		42	
Net Weight (lbs):		64.7	
Internal Free Volume (in <sup>3</sup> ):		179.5	
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*:	98.0	MCC (Amps):	24.8	UL File No:
LRA-Half Winding:		RPM:		UL File Date:
LRA Low*:		Max Operating Current:	22.0	
RLA(=MCC/1.4;use for contactor selection):		17.7		
RLA(=MCC/1.56;use for breaker & wire size		15.9		
*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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