

ZW51KWP-PFZ

HFC, R-410A, 50Hz, 1- Phase, 220/240 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(°F)/Cond(°F)</u>	<u>45 / 130</u>	<u>28 / 104</u>
<u>RG(°F)/Liq(°F)</u>	<u>65 / 115</u>	<u>48 / 89</u>
Capacity (Btu/hr)	55500	45400
Power (Watts):	4050	2920
Current (Amps):	19.80	14.60
EER (Btu/Wh):	13.70	15.50
Mass Flow (lbs/hr):	610	455
Sound Power (dBA):	68 Avg	73 Max
Vibration (mils(peak- Record Date: 2013-09-06	2.5 Avg	3.5 Max

Mechanical

Number of Cylinders:	0	Displ(in ³ /Rev):	2.94
Bore Size(in):	0.00	Displ(ft ³ /hr):	296.04
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):	17.17 *
Suction Size (in):		7/8 Stub	
Discharge Size (in):		1/2 Stub	
Oil Recharge (oz):		38	
Initial Oil Charge (oz):		42	
Net Weight (lbs):		75.8	
Internal Free Volume (in ³):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	126.0	MCC (Amps):	31.5	UL File No:
LRA-Half Winding:		RPM:	0	UL File Date:
LRA Low*:		Max Operating Current:	28.0	
RLA(=MCC/1.4;use for contactor selection):			22.5	
RLA(=MCC/1.56;use for breaker & wire size			20.2	
*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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