

ZB38KCE-PFV

HCFC, R-22, 60Hz, 1- Phase, 208/230 V

High Temperature



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>20 / 120</u>
<u>RG(°F)/Liq(°F)</u>	<u>65 / 130</u>	<u>65 / 120</u>
Capacity (Btu/hr)	56500	34100
Power (Watts):	5500	4760
Current (Amps):	26.10	23.00
EER (Btu/Wh):	10.20	7.20
Mass Flow (lbs/hr):	890	500
Sound Power (dBA):	74 Avg	79 Max
Vibration (mils(peak- Record Date:	2.0 Avg 2009-10-14	3.0 Max

Mechanical

Number of Cylinders:	0	Displ(in ³ /Rev):	5.04
Bore Size(in):	0.00	Displ(ft ³ /hr):	612.50
Stroke(in):	0.00		
Overall Length (in):	10.12	Mounting Length (in):	7.50
Overall Width (in):	9.67	Mounting Width (in):	7.50
Overall Height (in):	17.23	Mounting Height (in):	17.98 *
Suction Size (in):		7/8 Stub	
Discharge Size (in):		1/2 Stub	
Oil Recharge (oz):		60	
Initial Oil Charge (oz):		64	
Net Weight (lbs):		92	
Internal Free Volume (in ³):		225.0	
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	175.0	MCC (Amps):	42.2	UL File No:	
LRA-Half Winding:		RPM:		UL File Date:	15-Jun-1994
LRA Low*:		Max Operating Current:	35.7		
RLA(=MCC/1.4;use for contactor selection):		30.1			
RLA(=MCC/1.56;use for breaker & wire size		27.1			
*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-507 HFC	60	1	208/230	Medium Temperature
R-407C HFC	60	1	208/230	High Temperature
R-134a HFC	60	1	208/230	High Temperature
R-404A HFC	60	1	208/230	Medium Temperature