

ZR28K3E-PFJ

HFC, R-407C, 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>45 / 100</u>
<u>RG(°F)/SubCool(°F)</u>	<u>65 / 15</u>	<u>65 / 15</u>
Capacity (Btu/hr)	22700	27800
Power (Watts):	2190	1450
Current (Amps):	10.40	7.10
EER (Btu/Wh):	10.30	19.20
Mass Flow (lbs/hr):	330	345
Sound Power (dBA):	65 Avg	70 Max
Vibration (mils(peak- Record Date: 2005-04-15	2.0 Avg	3.0 Max

Mechanical

Number of Cylinders:	0	Displ(in ³ /Rev):	2.39
Bore Size(in):	0.00	Displ(ft ³ /hr):	241.16
Stroke(in):	0.00		
Overall Length (in):	9.57	Mounting Length (in):	7.50
Overall Width (in):	9.57	Mounting Width (in):	7.50
Overall Height (in):	14.84	Mounting Height (in):	15.08 *
Suction Size (in):		3/4 Stub	
Discharge Size (in):		1/2 Stub	
Oil Recharge (oz):		34	
Initial Oil Charge (oz):		38	
Net Weight (lbs):		60	
Internal Free Volume (in ³):		175.0	
Horse Power:		2.5	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	61.0	MCC (Amps):	18.0	UL File No:	
LRA-Half Winding:		RPM:		UL File Date:	14-Jun-1994
LRA Low*:	56.0	Max Operating Current:	14.8		
RLA(=MCC/1.4;use for contactor selection):			12.9		
RLA(=MCC/1.56;use for breaker & wire size			11.5		
*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>
R-134a HFC	60	1	265	Air Conditioning
R-407C HFC	60	1	265	Air Conditioning
R-134a HFC	50	1	220/240	Air Conditioning