

ZR42K3E-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(°C)/Cond(°C)</u>	<u>7.2 / 54.4</u>	<u>7.2 / 37.8</u>
<u>RG(°C)/SubCool(°C)</u>	<u>18.3 / 8</u>	<u>18.3 / 8</u>
Capacity (Watts)	9750	11800
Power (Watts):	3150	2110
Current (Amps):	15.20	10.70
EER (COP):	3.11	5.60
Mass Flow (g/s):	61	63
Sound Power (dBA):	8 Avg	9 Max
Vibration (mm(peak- Vibration (mm(peak- Record Date:	0.051 Avg 0.076 Max 2005-04-15	0.076 Max

Mechanical

Number of Cylinders:	0	Displ(cm ³ /Rev):	56.00
Bore Size(mm):	0.00	Displ(meters ³ /hr):	9.95
Stroke(mm):	0.00		
Overall Length (mm):	243.0	Mounting Length (mm):	190.50
Overall Width (mm):	243.0	Mounting Width (mm):	190.50
Overall Height (mm):	412.7	Mounting Height (mm):	419.1 *
Suction Size (mm):		3/4 Stub	
Discharge Size (mm):		1/2 Stub	
Oil Recharge (liter):		1	
Initial Oil Charge (liter):		1	
Net Weight (kg):		30.39	
Internal Free Volume (cm ³):		2.912	
Horse Power:		3.5	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	97.0	MCC (Amps):	24.0	UL File No:	
LRA-Half Winding:		RPM:		UL File Date:	14-Jun-1994
LRA Low*:	89.0	Max Operating Current:	22.5		
RLA(=MCC/1.4;use for contactor selection):			17.1		
RLA(=MCC/1.56;use for breaker & wire size			15.4		
*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-407C HFC	60	1	265	Air Conditioning