

ZR48K3E-PFJ



HFC, R-407C, Dew Point, 50 Hz, 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

Evap(°F)/Cond(°F)	45/130	45/100
RG(°F)/Liq(°F)	65/115	65/85
Capacity (Btu/hr):	38900	47100
Power (Watts):	3710	2490
Current (Amps):	17.9	12.7
EER (Btu/Wh):	10.5	18.9
Mass Flow (lbs/hr):	565.0	585.0
Sound Power(dBA):	68 Ave	73 Max
Vibration (mils(peak-peak)):	2.0 Ave	3.0 Max
Record Date:	2005-04-15	

Mechanical

Number of Cylinders:	0	Displ (in ³ /Rev):	3.997
Bore Size (in):	0.0	Displ (ft ³ /hr):	402.4739
Stroke (in):	0.0		
Overall Length (in):	9.567	Mounting Length (in):	7.5
Overall Width (in):	9.567	Mounting Width(in):	7.5
Overall Height (in):	16.95	Mounting Height (in):	17.18*
Suction Size (in):	7/8 Stub		
Discharge Size (in):	1/2 Stub		
Initial Oil Charge (oz):	42		
Oil Recharge (oz):	38		
Net Weight (lbs):	69.0		
Internal Free Volume (in ³):	205.0		
HorsePower	4.0		
* Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	114.0	MCC (Amps):	27.0	UL File No.:	
LRA-Half Winding:		RPM:	2900	UL File Date:	14-Jun-1994
LRA-Low*:	105.0	Max Operating Current:	23.5	CSA File No.:	
RLA(=MCC/1.4; use for contactor selection):	19.3				
RLA (=MCC/1.56; use for breaker & wire size selection):	17.3				
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					

Alternate Applications

Refrigerant	Frequency(Hz)	Phase	Voltage	Application
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