

ZR48K5E-PFV
**HFC, R-407C, 60 Hz, 1 - Phase, 208/230 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**Mechanical**

Evaporator Temp. (°F)	45	50
Condensing Temp. (°F)	130	100
Return Gas Temp. (°F)	65	70
Liquid Temp. (°F)	115	85
Capacity (Btu/hr):	46200	61900
Power (W):	4260	2850
Current (Amps):	19.0	13.1
EER (Btu/Wh):	10.9	21.7
Mass Flow (lbs/hr):	671	762
<u>Sound Data @ 45/130</u>		
Sound Power (dBA):	70 Avg	75 Max
Vibration mils(peak-peak):	2.0 Avg	3.0 Max
Record Date:	2015-10-13	

Displacment (in ³ /Rev):	3.87
Displacment (ft ³ /hr):	469.71
Overall Length (in):	9.69
Overall Width (in):	9.69
Overall Height (in):	16.94
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	17.17 *
Suction Size (in),Type:	7/8 Stub
Discharge Size (in),Type:	1/2 Stub
Initial Oil Charge (oz):	42
Oil Recharge (oz):	34
Net Weight (lbs):	70.0
Internal Free Volume (in ³):	186.0
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical**Capacitors**

LRA High* (Amp):	137.0
LRA Low*(Amp):	
LRA Half Winding (Amp):	
MCC (Amps):	34.0
Max Operating Current (Amp):	30.0
RLA, MCC/1.4;use for contactor selection)(Amp):	24.3
RLA, MCC/1.56;use for breaker & wire size selection)(Amp):	21.8
RPM:	3500
UL File No:	SA-2337
UL File Date:	
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.	

<u>Type</u>	<u>Part No</u>	<u>Low MFD</u>	<u>High MFD</u>	<u>Volts</u>	<u>User Description</u>
Start Capacitor	014-0061-27	88.0	106.0	330	OPTIONAL
Run Capacitor	014-0064-18	60.0	0.0	440	

Alternate Applications

<u>Refrigerant</u>	<u>Voltage</u>	<u>Phase</u>	<u>Frequency</u>	<u>Application</u>
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