

**ZR57K3E-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	45
Condensing Temp. (°F)	130	100
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	115	85
Capacity (Btu/hr):	55500	67000
Power (W):	5250	3500
Current (Amps):	24.5	17.1
EER (Btu/Wh):	10.6	19.2
Mass Flow (lbs/hr):	802	827
<u>Sound Data @</u>		
Sound Power (dBA):	74 Avg	79 Max
Vibration mils(peak-peak):	2.0 Avg	3.0 Max
Record Date:	2014-08-07	

Displacment (in <sup>3</sup> /Rev):	4.71
Displacment (ft <sup>3</sup> /hr):	572.40
Overall Length (in):	9.69
Overall Width (in):	9.69
Overall Height (in):	17.75
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	18.00 *
Suction Size (in),Type:	7/8 Stub
Discharge Size (in),Type:	1/2 Stub
Initial Oil Charge (oz):	56
Oil Recharge (oz):	52
Net Weight (lbs):	90.0
Internal Free Volume (in <sup>3</sup> ):	
Horse Power:	4.75
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

**Electrical**

**Capacitors**

LRA High* (Amp):	148.0
LRA Low*(Amp):	
LRA Half Winding (Amp):	
MCC (Amps):	45.0
Max Operating Current (Amp):	37.0
RLA, MCC/1.4;use for contactor selection)(Amp):	32.1
RLA, MCC/1.56;use for breaker & wire size selection)(Amp):	28.8
RPM:	3500
UL File No:	
UL File Date:	1993-07-26
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.	

Type	Part No	Low MFD	High MFD	Volts	User Description
Start Capacitor	014-0006-15	270.0	324.0	330	OPTIONAL
Run Capacitor	014-0041-01	80.0	0.0	370	SPECIAL CUSTOMER APPLICATION
Run Capacitor	014-0054-38	80.0	0.0	370	PLASTIC CASE ALT ASIAN MK ONLY
Run Capacitor	014-0064-27	80.0	0.0	370	

**Alternate Applications**

Refrigerant	Voltage	Phase	Frequency	Application
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