

ZR61K3E-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):	59400	71700
Power (W):	5620	3740
Current (Amps):	26.2	18.3
EER (Btu/Wh):	10.6	19.2
Mass Flow (lbs/hr):	859	885
<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	

Displacement (in ³ /Rev):	5.04
Displacement (ft ³ /hr):	612.50
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 ³):	215.0
Horse Power:	5.00
*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):	40.0
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.	

<u>Type</u>	<u>Part No</u>	<u>Low MFD</u>	<u>High MFD</u>	<u>Volts</u>	<u>User Description</u>
Start Capacitor	014-0006-15	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

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