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

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):	26.20	18.30
EER (Btu/Wh):	10.55	19.20
Mass Flow (lbs/hr):	859	885
Sound Data @		
Sound Power (dBA):	74 Avg	79 Max
Vibration mils(peak-peak):	2.0 Avg	3.0 Max
Record Date:	2014-08-07	

Mechanical

Displacment(in^3/Rev):	5.04
Displacment(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

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.

Capacitors

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**
Run Capacitor	**014-0054-38**	**80.0**	**0.0**	**370**	**PLASTIC CASE ALT**
Run Capacitor	**014-0064-27**	**80.0**	**0.0**	**370**	

Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application

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