

**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)	45.00	45	Displacement (in <sup>3</sup> /Rev):	5.04
Condensing Temp. (°F)	130.00	100	Displacement (ft <sup>3</sup> /Hr):	
Return Gas Temp. (°F)	65.00	65	Overall Length (in):	9.69
Liquid Temp. (°F)	115.00	85	Overall Width (in):	9.69
Capacity (BTU/hr)	59400	71700	Overall Height (in):	17.75
Power (W):	5620	3740	Mounting Length (in):	7.50
Current (Amps):	26.2	18.3	Mounting Width (in):	7.50
EER(BTU/Wh):	10.55	19.2	Mounting Height (in):	18.00
Mass Flow (lbs/hr):	859	885	Suction Size (in),Type:	7 / 8 Stub
Sound Data @			Discharge Size (in),Type:	1 / 2 Stub
Sound Power (dBA):	74 Avg	79 Max	Initial Oil Charge (oz):	56
Vibration mils(peak-peak):	2.0 Avg	3.0 Max	Oil Recharge (oz):	52
Record Date:	2014-08-07		Oil Type:	3MA
			Net Weight (lbs):	90.0
			Internal Free Volume (in <sup>3</sup> ):	215.0
			Horse Power:	5.0

\*Overall compressor height on Copeland Brand Product's specified mounting grommets.

Electrical		Capacitors				
		Type	Part No	Low MFD	High MFD	Volt User Description
LRA High* (Amps):	148.0					
LRA Low*(Amps):		Run Capacitor	014-0041-01	80.0	0.0	370 SPECIAL CUSTOMER APPLICATION
LRA Half Winding (Amps):						
MCC (Amps):	45	Run Capacitor	014-0054-38	80.0	0.0	370 PLASTIC CASE ALT ASIAN MK ONLY
Max Operating Current (Amps):	40.0					
RLA, MCC/1.4(use for contactor selection)(Amps):	32.1	Run Capacitor	014-0064-27	80.0	0.0	370
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	28.8	Start Capacitor	014-0006-15	270.0	324.0	330 OPTIONAL
RPM:	3500					
Box IP :	21					
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.

## Alternate Applications

Refrigerant	Voltage	Phase	Frequency	Application
-------------	---------	-------	-----------	-------------