

# ZR25K5E-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

Evap(°F)/Cond(°F)	45 / 130	50 / 100
RG(°F)/Liq(°F)	65.0 / 115.0	70.0 / 85.0
Capacity (Btu/hr)	24300	32800
Power (Watts):	2360	1535
Current (Amps):	10.40	6.65
EER (Btu/Wh):	10.30	21.35
Mass Flow (lbs/hr):	354	404
<b>Sound Data</b>		
Sound Power (dBA):	68 Avg	73 Max
Vibration (mils(peak-peak)):	2.0 Avg	3.0 Max
Record Date:	2010-11-16	

## Mechanical

Number of Cylinders:	0	Displ(in <sup>3</sup> /Rev):	2.08
Bore Size(in):	0.00	Displ(ft <sup>3</sup> /hr):	252.66
Stroke(in):	0.00		
Overall Length (in):	9.50	Mounting Length (in):	7.50
Overall Width (in):	9.50	Mounting Width (in):	7.50
Overall Height (in):	15.86	Mounting Height (in):	16.08 *
Suction Size (in):		3/4 Stub	
Discharge Size (in):		1/2 Stub	
Oil Recharge (oz):		19	
Initial Oil Charge (oz):		25	
Net Weight (lbs):		50.1	
Internal Free Volume (in <sup>3</sup> ):		118.0	
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*:	68.0	MCC (Amps):	21.0	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	
LRA Low*:		Max Operating Current:	14.0		
RLA(=MCC/1.4;use for contactor selection):		15			
RLA(=MCC/1.56;use for breaker & wire size)		13.5			
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					
<b>Type</b>	<b>Part No</b>	<b>Low</b>	<b>High</b>	<b>Volts</b>	<b>User Description</b>
Start Capacitor	014-0061-27	88.0	106.0	330	OPTIONAL
Run Capacitor	014-0064-08	40.0	0.0	370	

## Alternate Applications

<u>Refrigerant</u>	<u>Freq (Hz)</u>	<u>Phase</u>	<u>Voltage</u>	<u>Application</u>
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