ZP42K5E-PFV

HFC, R-410A, 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)	42000	57100
Power (Watts):	4070	2670
Current (Amps):	18.35	12.00
EER (Btu/Wh):	10.30	21.35
Mass Flow (lbs/hr):	618	702
Sound Data 45 /		
Sound Power (dBA):	68 Avg	73 Max
Vibration (mils(peak-peak)):	2.0 Avg	3.0 Max
Record Date:	2015-10-09	

Mechanical

Number of Cylinders:	0	Displ(in^3/Rev):	2.43
Bore Size(in):	0.00	Displ(ft^3/hr):	295.31
Stroke(in):	0.00		
Overall Length (in):	9.56	Mounting Length (in):	7.50
Overall Width (in):	9.56	Mounting Width (in):	7.50
Overall Height (in):	16.94	Mounting Height (in):	17.17 *

Suction Size (in):	7/8 Stub
Discharge Size (in):	1/2 Stub
Oil Recharge (oz):	38
Initial Oil Charge (oz):	42
Net Weight (lbs):	72.9
Internal Free Volume (in^3):	183.3
Horse Power:	

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

Electrical

LRA-High*:	117.0	MCC (Amps):	34.0	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	17-Dec-2003
LRA Low*:		Max Operating Current:	31.0		
RLA(=MCC/1.4;use for contactor selection):		24.3			
RLA(=MCC/1.56;use for breaker & wire size		21.8			

*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.

Type	Part No	Low	High	Volts	User Description
Start Capacitor	014-0061-27	88.0	106.0	330	OPTIONAL
Run Capacitor	014-0064-34	70.0	0.0	370	

Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application

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