ZPS20K5E-PFV

HFC, R-410A, 60Hz, 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)	50 / 115	45 / 130
RG(°F)/Liq(°F)	70.0 / 100.0	65.0 / 115.0
Capacity (Btu/hr)	25100	20200
Power (Watts):	1675	2040
Current (Amps):	7.40	9.00
EER (Btu/Wh):	15.00	9.90
Mass Flow (lbs/hr):	333	298
Sound Power (dBA):	66 Avg	71 Max
Vibration (mils(peak-peak)):	2.0 Avg	3.0 Max
Record Date:	2012-04-24	

Mechanical

Number of Cylinders:	0	Displ(in^3/Rev):	1.21
Bore Size(in):	0.00	Displ(ft^3/hr):	147.05
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):	15.27	Mounting Height (in):	16.03 *

Suction Size (in):	3/4 Stub
Discharge Size (in):	1/2 Stub
Oil Recharge (oz):	21
Initial Oil Charge (oz):	25
Net Weight (lbs):	47.3
Internal Free Volume (in^3):	131.1
Horse Power:	

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

Electrical

LRA-High*:	58.3	MCC (Amps):	18.2	UL File No:
LRA-Half Winding:		RPM:	3500	UL File Date:
LRA Low*:		Max Operating Current:	17.0	

RLA(=MCC/1.4;use for contactor selection): 13
RLA(=MCC/1.56;use for breaker & wire size selection): 11.7

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

Type	Part No	Low MFD	High MFD	Volts	User Description
Start Capacitor	014-0061-27	88.0	106.0	330	OPTIONAL
Run Capacitor	014-0064-07	35.0	0.0	370	

Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-410A HFC	60	1	208/230	A/C, 67% Load Of Compressor

Copyright © 2010 Emerson Climate Technologies, Inc. All rights reserved.