ZR28K5-PFV

HCFC, R-22, 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	50
Condensing Temp. (°F)	130	100
Return Gas Temp. (°F)	65	70
Liquid Temp. (°F)	115	85
Capacity (Btu/hr)	28400	36900
Power (W):	2590	1755
Current (Amps):	11.50	7.90
EER (Btu/Wh):	11.00	21.00
Mass Flow (lbs/hr):	417	472
Sound Data @45 / 130		
Sound Power (dBA):	68 Avg	73 Max
Vibration mils(peak-peak):	2.0 Avg	3.0 Max
Record Date:	2015-10-12	

Mechanical

Displacment(in^3/Rev):	2.36
Displacment(ft^3/hr):	286.93
Overall Length (in):	9.50
Overall Width (in):	9.50
Overall Height (in):	15.86
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	16.08 *
Suction Size (in),Type:	3/4 Stub
Discharge Size (in),Type:	1/2 Stub
Initial Oil Charge (oz):	25
Oil Recharge (oz):	19
Net Weight (lbs):	49.6
Internal Free Volume (in^3):	118.0
Horse Power:	2.50

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

Electrical

LRA-High*(Amp):	75.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	22.0
Max Operating Current(Amp):	16.0
RLA, MCC/1.4;use for contactor selection (Amp):	15.7
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	14.1
RPM:	3500
Box IP	21
UL File No:	SA-2337
UL File Date:	

*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	**014-0061-27**	**88.0**	**106.0**	**330**	**OPTIONAL**
Run Capacitor	**014-0064-25**	**45.0**	**0.0**	**370**	

Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application

Copyright © 2019 Emerson Climate Technologies, Inc. All rights reserved.