ZR36K3-PFV

HCFC, R-22, 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)	45 / 130	45 / 100
RG(°F)/Liq(°F)	65 / 115	65 / 85
Capacity (Btu/hr)	36900	43400
Power (Watts):	3290	2260
Current (Amps):	14.90	10.50
EER (Btu/Wh):	11.20	19.20
Mass Flow (lbs/hr):	540	560
Sound Power (dBA):	71 Avg	76 Max
Vibration (mils(peak-	2.0 Avg	3.0 Max
Record Date:	2004-10-12	

Mechanical

Number of Cylinders:	0	Displ(in^3/Rev):	3.02
Bore Size(in):	0.00	Displ(ft^3/hr):	367.01
Stroke(in):	0.00		
Overall Length (in):	9.57	Mounting Length (in):	7.50
Overall Width (in):	9.57	Mounting Width (in):	7.50
Overall Height (in):	15.73	Mounting Height (in):	15.97 *

Suction Size (in):	3/4 Stub
Discharge Size (in):	1/2 Stub
Oil Recharge (oz):	38
Initial Oil Charge (oz):	42
Net Weight (lbs):	64
Internal Free Volume (in^3):	161.0
Horse Power:	3

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

Electrical

LRA-High*:	95.0	MCC (Amps):	25.8	UL File No:	SA-2337
LRA-Half Winding:		RPM:		UL File Date:	14-Jun-1994
LRA Low*:		Max Operating Current:	19.0		
RLA(=MCC/1.4;use for contactor selection):		18.4			
RLA(=MCC/1.56;use for breaker & wire size		16.5			

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

Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application

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