CR42K6-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)	65.0 / 115.0	65.0 / 85.0
Capacity (Btu/hr)	41900	54700
Power (Watts):	3860	3100
Current (Amps):	17.90	14.60
EER (Btu/Wh):	10.90	17.60
Mass Flow (lbs/hr):	615	705
Sound Power (dBA):	76 Avg	81 Max
Vibration (mils(peak-	4.0 Avg	5.0 Max
Record Date:	1993-06-18	

Mechanical

Number of Cylinders:	2	Displ(in^3/Rev):	4.40
Bore Size(in):	1.96	Displ(ft^3/hr):	534.59
Stroke(in):	0.73		
Overall Length (in):	10.23	Mounting Length (in):	7.50
Overall Width (in):	9.65	Mounting Width (in):	7.50
Overall Height (in):	14.56	Mounting Height (in):	14.94 *

Suction Size (in):	3/4 Stub
Discharge Size (in):	1/2 Stub
Oil Recharge (oz):	43
Initial Oil Charge (oz):	45
Net Weight (lbs):	74
Internal Free Volume (in^3):	480.0
Horse Power:	

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

Electrical

LRA-High*:	102.0	MCC (Amps):	28.5	UL File No:	
LRA-Half Winding:		RPM:	3500	UL File Date:	28-Dec-1984
LRA Low*:		Max Operating Current:	22.8		
RLA(=MCC/1.4;use for contactor selection):		20.4			
RLA(=MCC/1.56;use for breaker & wire size		18.3			

*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	014-0006-13	189.0	227.0	330	HIGH TORQUE
Start Capacitor	014-0061-13	64.0	77.0	330	LOW TORQUE
Run Capacitor	014-0064-08	40.0	0.0	370	
Run Capacitor	014-0064-14	40.0	0.0	440	

Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-22 HCFC	50	1	200	Air Conditioning

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