CR53KQ-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)	53300	67200
Power (Watts):	5260	4400
Current (Amps):	24.10	20.50
EER (Btu/Wh):	10.10	15.30
Mass Flow (lbs/hr):	780	865
Sound Power (dBA):	76 Avg	81 Max
Vibration (mils(peak-	3.0 Avg	4.0 Max
Record Date:	2001-03-16	

Mechanical

Number of Cylinders:	2	Displ(in^3/Rev):	5.47
Bore Size(in):	1.96	Displ(ft^3/hr):	665.12
Stroke(in):	0.91		
Overall Length (in):	10.62	Mounting Length (in):	7.50
Overall Width (in):	9.22	Mounting Width (in):	7.50
Overall Height (in):	14.81	Mounting Height (in):	15.19 *

Suction Size (in):	22/25 Stub
Discharge Size (in):	1/2 Stub
Oil Recharge (oz):	43
Initial Oil Charge (oz):	45
Net Weight (lbs):	77
Internal Free Volume (in^3):	490.0
Horse Power:	

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

Electrical

LRA-High*:	140.0	MCC (Amps):	40.5	UL File No:
LRA-Half Winding:		RPM:		UL File Date:
LRA Low*:		Max Operating Current:	32.4	
RLA(=MCC/1.4;use for contactor selection):		28.9		
RLA(=MCC/1.56;use for breaker & wire size		26		

*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
R-22 HCFC	50	1	200	Air Conditioning
R-22 HCFC	50	1	200	High Temperature
R-22 HCFC	60	1	208/230	High Temperature

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