CR53KQ-TF5

HCFC, R-22, 60Hz, 3- Phase, 200/230 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)	53200	67500
Power (Watts):	5210	4290
Current (Amps):	16.00	13.90
EER (Btu/Wh):	10.10	15.60
Mass Flow (lbs/hr):	780	870
Sound Power (dBA):	76 Avg	81 Max
Vibration (mils(peak-	2.2 Avg	3.2 Max
Record Date:	2000-10-25	

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):	495.0
Horse Power:	

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

Electrical

LRA-High*:	107	MCC (Amps):	25.5	UL File No:
LRA-Half Winding:		RPM:		UL File Date:
LRA Low*:		Max Operating Current:	20.4	
RLA(=MCC/1.4;use for contactor selection):		18.2		
RLA(=MCC/1.56;use for breaker & wire size		16.3		

*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	60	3	200/230	High Temperature
R-22 HCFC	50	3	200/240	Air Conditioning
R-22 HCFC	50	3	200/240	High Temperature

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