CR18KQ-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)	18400	25000
Power (Watts):	1860	1560
Current (Amps):	8.10	6.80
EER (Btu/Wh):	9.90	16.10
Mass Flow (lbs/hr):	270	322
Sound Power (dBA):	70 Avg	75 Max
Vibration (mils(peak-	2.0 Avg	3.0 Max
Record Date:	2002-07-30	

Mechanical

Number of Cylinders:	2	Displ(in^3/Rev):	2.23
Bore Size(in):	1.66	Displ(ft^3/hr):	270.64
Stroke(in):	0.52		
Overall Length (in):	9.31	Mounting Length (in):	7.50
Overall Width (in):	8.94	Mounting Width (in):	7.50
Overall Height (in):	13.38	Mounting Height (in):	13.69 *

Suction Size (in):	5/8 Stub
Discharge Size (in):	3/8 Stub
Oil Recharge (oz):	43
Initial Oil Charge (oz):	45
Net Weight (lbs):	61
Internal Free Volume (in^3):	334.0
Horse Power:	

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

Electrical

LRA-High*:	41.0	MCC (Amps):	12.6	UL File No:
LRA-Half Winding:		RPM:		UL File Date:
LRA Low*:		Max Operating Current:	10.1	
RLA(=MCC/1.4;use for contactor selection):		9		
RLA(=MCC/1.56;use for breaker & wire size		8.1		

*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-407C HFC	50	1	200	
R-22 HCFC	60	1	208/230	High Temperature
R-407C HFC	60	1	208/230	

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