CR41KQ-TFD

HCFC, R-22, 60Hz, 3- Phase, 380/460 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)	41200	53200
Power (Watts):	4000	3340
Current (Amps):	5.80	5.00
EER (Btu/Wh):	10.30	15.90
Mass Flow (lbs/hr):	605	685
Sound Power (dBA):	76 Avg	81 Max
Vibration (mils(peak-	2.2 Avg	3.2 Max
Record Date:	1990-01-01	

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):	9.25	Mounting Length (in):	7.50
Overall Width (in):	9.25	Mounting Width (in):	7.50
Overall Height (in):	14.56	Mounting Height (in):	14.94 *

Suction Size (in):	3/4 Stub
Discharge Size (in):	3/8 Stub
Oil Recharge (oz):	38
Initial Oil Charge (oz):	40
Net Weight (lbs):	70
Internal Free Volume (in^3):	390.0
Horse Power:	

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

Electrical

LRA-High*:	42.0	MCC (Amps):	8.3	UL File No:
LRA-Half Winding:		RPM:		UL File Date:
LRA Low*:		Max Operating Current:	8.2	
RLA(=MCC/1.4;use for contactor selection):		5.9		
RLA(=MCC/1.56;use for breaker & wire size		5.3		

*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	50	3	380/420	
R-22 HCFC	50	3	380/420	Air Conditioning
R-22 HCFC	50	3	380/420	High Temperature
R-22 HCFC	60	3	380/460	
R-22 HCFC	60	3	380/460	High Temperature

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