CR42K6E-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)	65.0 / 115.0	65.0 / 85.0
Capacity (Btu/hr)	41700	54500
Power (Watts):	3810	3010
Current (Amps):	11.60	10.00
EER (Btu/Wh):	11.00	18.10
Mass Flow (lbs/hr):	610	700
Sound Power (dBA):	76 Avg	81 Max
Vibration (mils(peak-peak)):	4.0 Avg	5.0 Max
Record Date:	2014-03-06	

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):	69		
Internal Free Volume (in^3):			
Horse Power:			

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

Electrical

LRA-High*:	91.0	MCC (Amps):	19.65	UL File No:	
LRA-Half Winding:		RPM:	3500	UL File Date:	28-Dec-1984
LRA Low*:		Max Operating Current:			

RLA(=MCC/1.4;use for contactor selection): 14

RLA(=MCC/1.56;use for breaker & wire size selection): 12.6

*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	200/220	Air Conditioning
R-407C HFC	50	3	200/220	Air Conditioning
R-407C HFC	60	3	200/230	Air Conditioning

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