

CRNQ-050E-TFD

HFC, R-407C, 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)	<u>45 / 130</u>	<u>45 / 100</u>
RG(°F)/SubCool(°F)	<u>65 / 15</u>	<u>65 / 15</u>
Capacity (Btu/hr)	57000	76500
Power (Watts):	5800	4730
Current (Amps):	8.20	7.20
EER (Btu/Wh):	9.80	16.10
Mass Flow (lbs/hr):	830	950
Sound Power (dBA):	80 Avg	85 Max
Vibration (mils(peak- Record Date:	2.4 Avg	3.4 Max
	2010-12-23	

Mechanical

Number of Cylinders:	2	Displ(in ³ /Rev):	6.22
Bore Size(in):	1.96	Displ(ft ³ /hr):	756.06
Stroke(in):	1.03		
Overall Length (in):	11.38	Mounting Length (in):	7.50
Overall Width (in):	9.38	Mounting Width (in):	7.50
Overall Height (in):	16.13	Mounting Height (in):	16.50 *
Suction Size (in):		7/8 Stub	
Discharge Size (in):		1/2 Stub	
Oil Recharge (oz):		66	
Initial Oil Charge (oz):		70	
Net Weight (lbs):		82	
Internal Free Volume (in ³):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	65.0	MCC (Amps):	13.5	UL File No:	
LRA-Half Winding:		RPM:		UL File Date:	28-Dec-1984
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		9.6			
RLA(=MCC/1.56;use for breaker & wire size)		8.7			
*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-404A HFC	50	3	380/420	
R-407C HFC	50	3	380/420	Air Conditioning
R-22 HCFC	60	3	380/460	
R-404A HFC	60	3	380/460	