

CRNQ-050E-TFD

HCFC, R-22, 60 Hz, 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

Evaporator Temp. (°F)	45	45
Condensing Temp. (°F)	130	100
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	115	85
Capacity (Btu/hr)	61500	77000
Power (W):	6100	4850
Current (Amps):	8.90	7.50
EER (Btu/Wh):	10.10	15.90
Mass Flow (lbs/hr):	900	995
<u>Sound Data @</u>		
Sound Power (dBA):	80 Avg	85 Max
Vibration mils(peak-peak):	5.0 Avg	6.0 Max
Record Date:	2014-03-06	

Mechanical

Displacment(in ³ /Rev):	6.22
Displacment(ft ³ /hr):	756.06
Overall Length (in):	11.38
Overall Width (in):	9.38
Overall Height (in):	16.13
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	16.50 *
Suction Size (in),Type:	7/8 Stub
Discharge Size (in),Type:	1/2 Stub
Initial Oil Charge (oz):	70
Oil Recharge (oz):	66
Net Weight (lbs):	82.0
Internal Free Volume (in ³):	
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical

LRA-High*(Amp):	65.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	13.5
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	9.6
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	8.7
RPM:	
UL File No:	
UL File Date:	1984-12-28
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.	

Capacitors

Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-404A HFC	380/420	3	50	High Temp
R-22 HCFC	380/420	3	50	High Temp
R-22 HCFC	380/460	3	60	High Temp
R-22 HCFC	380/420	3	50	Air Conditioning
R-407C HFC	380/420	3	50	Air Conditioning
R-407C HFC	380/460	3	60	Air Conditioning