

CRPQ-045E-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)	57000	72000
Power (W):	5650	4490
Current (Amps):	8.00	6.60
EER (Btu/Wh):	10.10	16.10
Mass Flow (lbs/hr):	835	930
<u>Sound Data @</u>		
Sound Power (dBA):	79 Avg	84 Max
Vibration mils(peak-peak):	5.0 Avg	6.0 Max
Record Date:	2014-03-06	

Electrical

LRA-High*(Amp):	55.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	14.6
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	10.4
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	9.4
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.	

Mechanical

Displacment(in^3/Rev):	5.82
Displacment(ft^3/hr):	706.92
Overall Length (in):	11.38
Overall Width (in):	9.38
Overall Height (in):	15.88
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	16.25 *
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):	91.0
Internal Free Volume (in^3):	
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Capacitors

Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-22 HCFC	380/460	3	60	High Temp
R-22 HCFC	380/420	3	50	Air Conditioning
R-22 HCFC	380/420	3	50	High Temp
R-502 CFC	380/420	3	50	UL Medium Temp
R-407C HFC		3	60	Air Conditioning
R-407C HFC		3	50	Air Conditioning
R-407C HFC		3	60	Air Conditioning