

CRPQ-045E-PFV

HFC, R-407C, 60 Hz, 1 -Phase,
Air Conditioning



Production Status: Preliminary data only - Contact your Emerson Climate Technologies Representative.

Performance

Evaporator Temp. (°F)		
Condensing Temp. (°F)		
Return Gas Temp. (°F)		
Liquid Temp. (°F)		
Capacity (Btu/hr)		
Power (W):		
Current (Amps):		
EER (Btu/Wh):		
Mass Flow (lbs/hr):		
<u>Sound Data @</u>		
Sound Power (dBA):	79 Avg	84 Max
Vibration mils(peak-peak):	5.0 Avg	6.0 Max
Record Date:	2010-09-14	

Mechanical

Displacment(in ³ /Rev):	5.82
Displacment(ft ³ /hr):	
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):	87.0
Internal Free Volume (in ³):	
Horse Power:	

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

Electrical

LRA-High*(Amp):	
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	
RPM:	3500
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

Type	Part No	Low MFD	High MFD	Volts	User Description
Start Capacitor	014-0006-13	189.0	227.0	330	HIGH TORQUE
Run Capacitor	014-0064-15	45.0	0.0	440	
Start Capacitor	014-0064-15	45.0	0.0	440	LOW TORQUE

Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-407C HFC		1	50	Air Conditioning