

CRPQ-045E-PFV

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

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

Performance

<u>Evap(°F)/Cond(°F)</u>		
Capacity (Btu/hr)		
Power (W):		
Current (Amps):		
EER (Btu/Wh):		
Mass Flow (lbs/hr):		
Sound Power (dBA):	79 Avg	84 Max
Vibration mils(peak-)	5.0 Avg	6.0 Max
Record Date:	2010-09-14	

Mechanical

Number of Cylinders:	2	Displacment(in ³ /Rev):	5.82
Bore Size(in):	1.96	Displacment(ft ³ /hr):	
Stroke(in):	0.96		
Overall Length (in):	11.38	Mounting Length (in):	7.50
Overall Width (in):	9.38	Mounting Width (in):	7.50
Overall Height (in):	15.88	Mounting Height (in):	16.25 *
Suction Size (in),Type:	7/8 Stub		
Discharge Size (in),Type:	1/2 Stub		
Oil Recharge (oz):	66		
Initial Oil Charge (oz):	70		
Net Weight (lbs):	87		
Internal Free Volume (in ³):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*(Amp):	MCC (Amps):	UL File No:			
LRA-Half Winding	RPM:	3500	UL File Date: 28-Dec-1984		
LRA Low* (Amp):	Max Operating Current	null			
RLA, MCC/1.4;use for contactor selection (Amp):	1				
RLA, MCC/1.56;use for breaker & wire size selection	null				
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					
<u>Type</u>	<u>Part No</u>	<u>Low MFD</u>	<u>High MFD</u>	<u>Volts</u>	<u>User Description</u>
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

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