

CR42K6E-PFV

HCFC, R-22, 60 Hz, 1 - Phase, 208/230 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			Mechanical			
Evaporator Temp. (°F)	45.00	45	Displacement (in ³ /Rev):	4.40		
Condensing Temp. (°F)	130.00	100	Displacement (ft ³ /Hr):			
Return Gas Temp. (°F)	65.00	65	Overall Length (in):	10.23		
Liquid Temp. (°F)	115.00	85	Overall Width (in):	9.65		
Capacity (BTU/hr)	39500	53600	Overall Height (in):	14.56		
Power (W):	3560	2900	Mounting Length (in):	7.50		
Current (Amps):	16.7	14.5	Mounting Width (in):	7.50		
EER(BTU/Wh):	11.1	18.5	Mounting Height (in):	14.94		
Mass Flow (lbs/hr):	574	664	Suction Size (in),Type:	3 / 4 Stub		
Sound Data @			Discharge Size (in),Type:	1 / 2 Stub		
Sound Power (dBA):	76 Avg	81 Max	Initial Oil Charge (oz):	45		
Vibration mils(peak-peak):	4.0 Avg	5.0 Max	Oil Recharge (oz):	43		
Record Date:	2020-11-29		Oil Type:	POE		
			Net Weight (lbs):	74.0		
			Internal Free Volume (in ³):			
			Horse Power:			
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical		Capacitors					
		Type	Part No	Low MFD	High MFD	Volt s	User Description
LRA High* (Amps):	102.0						
LRA Low*(Amps):		Run Capacitor	014-0064-08	40.0	0.0	370	
LRA Half Winding (Amps):		Run Capacitor	014-0080-06	40.0	0.0	440	
MCC (Amps):	28.5	Start Capacitor	014-0006-13	189.0	227.0	330	HIGH TORQUE
Max Operating Current (Amps):	22.8	Start Capacitor	014-0061-13	64.0	77.0	330	LOW TORQUE
RLA, MCC/1.4(use for contactor selection)(Amps):	20.4						
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	18.3						
RPM:							
Box IP :							
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.

Alternate Applications

Refrigerant	Voltage	Phase	Frequency	Application
R-407C HFC	208/230	1	60	Air Conditioning
R-407C HFC	200	1	50	Air Conditioning