

CR38K6E-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 Copeland Representative for international availability.

Performance			Mechanical			
Evaporator Temp. (°F)	45.00	45	Displacement (in ³ /Rev):	4.05		
Condensing Temp. (°F)	130.00	100	Displacement (ft ³ /Hr):			
Return Gas Temp. (°F)	65.00	65	Overall Length (in):	10.20		
Liquid Temp. (°F)	115.00	85	Overall Width (in):	9.70		
Capacity (BTU/hr)	35000	47400	Overall Height (in):	14.30		
Power (W):	3300	2680	Mounting Length (in):	7.50		
Current (Amps):	16.3	14.2	Mounting Width (in):	7.50		
EER(BTU/Wh):	10.6	17.7	Mounting Height (in):	14.70		
Mass Flow (lbs/hr):	509	589	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):	3.6 Avg	4.6 Max	Oil Recharge (oz):	43		
Record Date:	2020-11-29		Oil Type:	POE		
			Net Weight (lbs):	70.0		
			Internal Free Volume (in ³):	*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):	105						
LRA Low*(Amps):		Run Capacitor	014-0080-06	40.0	0.0	440	
LRA Half Winding (Amps):		Start Capacitor	014-0006-13	189.0	227.0	330	
MCC (Amps):	26.6	Start Capacitor	014-0061-20	72.0	86.0	330	
Max Operating Current (Amps):	21.30						
RLA, MCC/1.4(use for contactor selection)(Amps):	19.0						
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	17.1						
RPM:	3500						
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	200	1	50	Air Conditioning
R-407C HFC	208/230	1	60	Air Conditioning