

CR53KQE-PFV

HCFC, R-22, 60 Hz, 1 - Phase, 208/230 V

UL High Temp

Production Status:

Performance			Mechanical			
Evaporator Temp. (°F)	45.00	45	Displacement (in ³ /Rev):	5.47		
Condensing Temp. (°F)	130.00	100	Displacement (ft ³ /Hr):			
Return Gas Temp. (°F)			Overall Length (in):	10.63		
Liquid Temp. (°F)			Overall Width (in):	9.22		
Capacity (BTU/hr)	52250	68000	Overall Height (in):	14.81		
Power (W):	4920	4230	Mounting Length (in):	7.50		
Current (Amps):			Mounting Width (in):	7.50		
EER(BTU/Wh):	10.62	16.08	Mounting Height (in):	15.19		
Mass Flow (lbs/hr):			Suction Size (in),Type:	7 / 8 Stub		
Sound Data @			Discharge Size (in),Type:	1 / 2 Stub		
Sound Power (dBA):	78 Avg	83 Max	Initial Oil Charge (oz):	45		
Vibration mils(peak-peak):	4.0 Avg	5.0 Max	Oil Recharge (oz):	43		
Record Date:			Oil Type:	POE		
			Net Weight (lbs):	77.0		
			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):	140.0	Run Capacitor	014-0064-18	60.0	0.0	440	
LRA Low*(Amps):		Start Capacitor	014-0006-13	189.0	227.0	330	HIGH TORQUE
LRA Half Winding (Amps):		Start Capacitor	014-0061-13	64.0	77.0	330	LOW TORQUE
MCC (Amps):	40.5						
Max Operating Current (Amps):							
RLA, MCC/1.4(use for contactor selection)(Amps):	28.9						
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	26.0						
RPM:							
Box IP :							
UL File No:							
UL File Date:							

*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
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R-22 HCFC	208/230	1	60	Air Conditioning
R-22 HCFC	200	1	50	UL High Temp
R-407C HFC	200	1	50	Air Conditioning
R-407C HFC	208/230	1	60	Air Conditioning