

CR47KQE-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):	4.95
Condensing Temp. (°F)	130.00	100	Displacement (ft^3/Hr):	
Return Gas Temp. (°F)	65.00	65	Overall Length (in):	10.38
Liquid Temp. (°F)	115.00	85	Overall Width (in):	9.09
Capacity (BTU/hr)	41800	55000	Overall Height (in):	14.81
Power (W):	3990	3430	Mounting Length (in):	7.50
Current (Amps):	19	16.7	Mounting Width (in):	7.50
EER(BTU/Wh):	10.5	16.1	Mounting Height (in):	15.19
Mass Flow (lbs/hr):	610	685	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:	2018-08-21		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					
LRA High* (Amps):	132.0	Type	Part No	Low MFD	High MFD	Volt s	User Description
LRA Low*(Amps):		Run Capacitor	014-0064-15	45.0	0.0	440	
LRA Half Winding (Amps):		Start Capacitor	014-0006-13	189.0	227.0	330	HIGH TORQUE
MCC (Amps):	34.5	Start Capacitor	014-0061-13	64.0	77.0	330	LOW TORQUE
Max Operating Current (Amps):							
RLA, MCC/1.4(use for contactor selection)(Amps):	24.6						
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	22.1						
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

R-407C HFC	208/230	1	60	Air Conditioning
R-407C HFC	200	1	50	Air Conditioning