

CR30K6E-PFV

HFC, R-407C, 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):	3.14		
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)	27100	37700	Overall Height (in):	13.81		
Power (W):	2570	2120	Mounting Length (in):	7.50		
Current (Amps):	12.25	10.45	Mounting Width (in):	7.50		
EER(BTU/Wh):	10.55	17.8	Mounting Height (in):	14.19		
Mass Flow (lbs/hr):	394	468	Suction Size (in),Type:	3 / 4 Stub		
Sound Data @			Discharge Size (in),Type:	1 / 2 Stub		
Sound Power (dBA):	74 Avg	79 Max	Initial Oil Charge (oz):	45		
Vibration mils(peak-peak):	3.4 Avg	4.4 Max	Oil Recharge (oz):	43		
Record Date:	2010-09-01		Oil Type:	POE		
			Net Weight (lbs):	66.0		
			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):	82.0					
LRA Low*(Amps):		Run Capacitor	014-0064-07	35.0	0.0	370
LRA Half Winding (Amps):						
MCC (Amps):	22.4	Start Capacitor	014-0061-16	43.0	52.0	330
Max Operating Current (Amps):						
RLA, MCC/1.4(use for contactor selection)(Amps):	16.0	Start Capacitor	014-0061-28	145.0	175.0	250
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	14.4					
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-22 HCFC	208/230	1	60	Air Conditioning
R-404A HFC	200	1	50	High Temp
R-407C HFC	200	1	50	Air Conditioning