

# CR22K6E-PFV

HFC, R-407C, 60Hz, 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

Evap(°F)/Cond(°F)	45 / 130	45 / 100
	65 / Jasper_SubC	65 / Jasper_SubC
Capacity (Btu/hr)	<del>9950</del>	<del>9880</del>
Power (Watts):	1890	1615
Current (Amps):	8.65	7.45
EER (Btu/Wh):	10.55	17.80
Mass Flow (lbs/hr):	290	357
Sound Power (dBA):	72 Avg	77 Max
Vibration (mils(peak- Vibration (mils(peak-))	1.9 Avg	2.9 Max
Record Date:	2010-09-01	
<u>Jasper_RGSubCool</u>		

## Mechanical

Number of Cylinders:2	Displ(in^3/Rev):	2.49
Bore Size(in):	1.66	Displ(ft^3/hr): 302.57
Stroke(in):	0.58	
Overall Length (in):	10.23	Mounting Length (in): 7.50
Overall Width (in):	9.65	Mounting Width (in): 7.50
Overall Height (in):	13.19	Mounting Height (in): 13.56 *
Suction Size (in):	3/4 Stub	
Discharge Size (in):	1/2 Stub	
Oil Recharge (oz):	43	
Initial Oil Charge (oz):	45	
Net Weight (lbs):	61	
Internal Free Volume (in^3):		
Horse Power:		
*Overall compressor height on Copeland Brand Product's specified mounting grommets.		

## Electrical

LRA-High*:	50.0	MCC (Amps):	15.3	UL File No:	
LRA-Half Winding:		RPM:		UL File Date:	28-Dec-1984
LRA Low*:		Max Operating Current:	12.2		
RLA(=MCC/1.4;use for contactor selection):			10.9		
RLA(=MCC/1.56;use for breaker & wire size)			9.8		
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					
Type	Part No	Low MFD	High MFD	Volts	User Description
Start Capacitor	014-0061-04	145.0	175.0	220	HIGH TORQUE
Start Capacitor	014-0061-16	43.0	52.0	330	LOW TORQUE
Run Capacitor	014-0064-06	30.0	0.0	370	

## Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-22 HCFC	50	1	200	
R-407C HFC	50	1	200	Air Conditioning
R-22 HCFC	60	1	208/230	

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## Service Parts

<u>Reference</u>	<u>Component</u>	<u>Quantity</u>	<u>Description</u>	<u>Comment</u>
1	527-0044-08	1	SPACER-MOUNTING ASSM	
14	529-0060-24	1	POWER CABLE-MOLDED PLUG	
99	536-0177-00	1	FITTING-SERVICE GROUP	
12	568-2010-00	1	C SERVICE KIT ASSM	
2	914-0008-51	1	CAP START KIT	
3	914-0037-10	1	RUN CAP KIT W/CLAMP	
10	918-0088-00	1	HEATER-CRANKCASE KIT	40/49W 240/265V FLEXIBLE
4	940-0001-60	1	RELAY-POTENTIAL KIT	

**Common U.S. Service Bill Of Materials**

	Suction Connection	Suction Size	Discharge Connection	Discharge Size	Electrical Connection	Mounting Assembly	Sight Glass	Crankcase Heater	Schraeder Valve	Tandem Ready	Module Voltage
815						-	-	-	-	-	-
875	Stub	3/4"		1/2"		-	-	-	-	-	-

\* Note: For all other Bill Of Material descriptions (Including International and Customer Specific Bills of Materials) contact your sales representative or the Application Engineering Department.