

# CR38K6E-TF5

HCFC, R-22, 60Hz, 3- Phase, 200/230 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
RG(°F)/Liq(°F)	65 / 115	65 / 85
Capacity (Btu/hr)	37900	49600
Power (Watts):	3440	2740
Current (Amps):	10.60	9.10
EER (Btu/Wh):	11.00	18.10
Mass Flow (lbs/hr):	555	640
Sound Power (dBA):	76 Avg	81 Max
Vibration (mils(peak- Vibration (mils(peak-	3.6 Avg	4.6 Max
Record Date:	2014-03-06	

## Mechanical

Number of Cylinders:2	Displ(in <sup>3</sup> /Rev):	4.05	
Bore Size(in):	1.96	Displ(ft <sup>3</sup> /hr):	492.79
Stroke(in):	0.67		
Overall Length (in):	10.23	Mounting Length (in):	7.50
Overall Width (in):	9.65	Mounting Width (in):	7.50
Overall Height (in):	14.31	Mounting Height (in):	14.69 *
Suction Size (in):	3/4 Stub		
Discharge Size (in):	1/2 Stub		
Oil Recharge (oz):	43		
Initial Oil Charge (oz):	45		
Net Weight (lbs):	67		
Internal Free Volume (in <sup>3</sup> ):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*:	85.0	MCC (Amps):	16.7	UL File No:	
LRA-Half Winding:		RPM:		UL File Date:	28-Dec-1984
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		11.9			
RLA(=MCC/1.56;use for breaker & wire size)		10.7			
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					

## Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-407C HFC	50	3	200/220	Air Conditioning
R-22 HCFC	50	3	200/220	Air Conditioning
R-407C HFC	60	3	200/230	Air Conditioning

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## Service Parts

<u>Reference</u>	<u>Component</u>	<u>Quantity</u>	<u>Description</u>	<u>Comment</u>
99	527-0044-08	1	SPACER-MOUNTING ASSM	
99	529-0060-24	1	POWER CABLE-MOLDED PLUG	
99	536-0177-00	1	FITTING-SERVICE GROUP	
99	568-2010-00	1	C SERVICE KIT ASSM	
99	918-0088-00	1	HEATER-CRANKCASE KIT	40/49W 240/265V FLEXIBLE

**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.