

# CR47KQE-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)	47200	60500
Power (Watts):	4540	3720
Current (Amps):	13.70	11.90
EER (Btu/Wh):	10.40	16.30
Mass Flow (lbs/hr):	690	780
Sound Power (dBA):	78 Avg	83 Max
Vibration (mils(peak-))	4.0 Avg	5.0 Max
Record Date:	2014-03-06	

## Mechanical

Number of Cylinders:2	Displ(in <sup>3</sup> /Rev):	4.95
Bore Size(in):	1.96	Displ(ft <sup>3</sup> /hr): 602.06
Stroke(in):	0.82	
Overall Length (in):	10.38	Mounting Length (in): 7.50
Overall Width (in):	9.09	Mounting Width (in): 7.50
Overall Height (in):	14.81	Mounting Height (in): 15.19 *
Suction Size (in):	7/8 Stub	
Discharge Size (in):	1/2 Stub	
Oil Recharge (oz):	43	
Initial Oil Charge (oz):	45	
Net Weight (lbs):	77	
Internal Free Volume (in <sup>3</sup> ):		
Horse Power:		
*Overall compressor height on Copeland Brand Product's specified mounting grommets.		

## Electrical

LRA-High*:	97.0	MCC (Amps):	22.5	UL File No:
LRA-Half Winding:		RPM:		UL File Date:
LRA Low*:		Max Operating Current:		
RLA(=MCC/1.4;use for contactor selection):		16.1		
RLA(=MCC/1.56;use for breaker & wire size)		14.4		
*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-22 HCFC	50	3	200/240	High Temp
R-22 HCFC	60	3	200/230	High Temp
R-407C HFC	60	3	200/230	Air Conditioning
R-22 HCFC	50	3	200/240	Air Conditioning
R-407C HFC	50	3	200/240	Air Conditioning

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## Service Parts

<u>Reference</u>	<u>Component</u>	<u>Quantity</u>	<u>Description</u>	<u>Comment</u>
99	527-0044-00	1	SPACER-MOUNTING ASSM	
99	918-0088-00	1	HEATER-CRANKCASE KIT	40/49W 240/265V FLEXIBLE

**Common U.S. OEM 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
270		7/8"		1/2"		-	-	Yes	-	-	-

**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
970		7/8"		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.