

# CR47KQE-TFD

HCFC, R-22, 60Hz, 3- Phase, 380/460 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)	65.0 / 115.0	65.0 / 85.0
Capacity (Btu/hr)	47200	60000
Power (Watts):	4540	3710
Current (Amps):	6.90	6.00
EER (Btu/Wh):	10.40	16.10
Mass Flow (lbs/hr):	690	770
Sound Power (dBA):	76 Avg	81 Max
Vibration (mils(peak-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*:	50.0	MCC (Amps):	11.5	UL File No:
LRA-Half Winding:		RPM:	3500	UL File Date:
LRA Low*:		Max Operating Current:	11.1	
RLA(=MCC/1.4;use for contactor selection):		8.2		
RLA(=MCC/1.56;use for breaker & wire size selection):		7.4		
*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	380/420	Air Conditioning
R-404A HFC	50	3	380/420	High Temp
R-407C HFC	50	3	380/420	Air Conditioning
R-22 HCFC	60	3	380/460	High Temp
R-407C HFC	60	3	380/460	Air Conditioning
R-22 HCFC	50	3	380/420	High Temp
R-22 HCFC	50	3	380/420	UL High Temp
R-22 HCFC	60	3	380/460	UL High Temp