

# CR47KQ-TFD

HCFC, R-22, 50Hz, 3- Phase, 380/420 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(°C)/Cond(°C)	<u>7.2 / 54.4</u>	<u>7.2 / 37.8</u>
RG(°C)/Liq(°C)	<u>18.3 / 46.1</u>	<u>18.3 / 29.4</u>
Capacity (Watts)	11650	14900
Power (Watts):	3970	3110
Current (Amps):	7.10	5.90
EER (COP):	2.93	4.81
Mass Flow (g/s):	73	82
Sound Power (dBA):	9 Avg	10 Max
Vibration (mm(peak- Vibration (mm(peak-)	0.064 Avg	0.089 Max
Record Date:	2001-02-06	

## Mechanical

Number of Cylinders:	2	Displ(cm <sup>3</sup> /Rev):	80.00
Bore Size(mm):	49.78	Displ(meters <sup>3</sup> /hr):	14.13
Stroke(mm):	20.85		
Overall Length (mm):	263.5	Mounting Length (mm):	190.50
Overall Width (mm):	230.9	Mounting Width (mm):	190.50
Overall Height (mm):	376.2	Mounting Height (mm):	385.7 *
Suction Size (mm):		7/8 Stub	
Discharge Size (mm):		1/2 Stub	
Oil Recharge (liter):		1	
Initial Oil Charge (liter):		1	
Net Weight (kg):		34.93	
Internal Free Volume (cm <sup>3</sup> ):		7.92	
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:		UL File Date:
LRA Low*:		Max Operating Current:		
RLA(=MCC/1.4;use for contactor selection):		8.2		
RLA(=MCC/1.56;use for breaker & wire size)		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-404A HFC	50	3		High Temperature
R-22 HCFC	50	3	380/420	High Temperature
R-22 HCFC	60	3	380/460	Air Conditioning
R-22 HCFC	60	3	380/460	High Temperature