

CR37KQ-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)	9100	11800
Power (Watts):	2980	2480
Current (Amps):	5.70	5.00
EER (COP):	3.05	4.75
Mass Flow (g/s):	57	66
Sound Power (dBA):	9 Avg	10 Max
Vibration (mm(peak- Vibration (mm(peak- Record Date:	0.114 Avg	0.14 Max
	1998-11-19	

Mechanical

Number of Cylinders:	2	Displ(cm ³ /Rev):	65.00
Bore Size(mm):	49.78	Displ(meters ³ /hr):	11.58
Stroke(mm):	17.09		
Overall Length (mm):	234.9	Mounting Length (mm):	190.50
Overall Width (mm):	234.9	Mounting Width (mm):	190.50
Overall Height (mm):	361.9	Mounting Height (mm):	371.4 *
Suction Size (mm):		3/4 Stub	
Discharge Size (mm):		3/8 Stub	
Oil Recharge (liter):		1	
Initial Oil Charge (liter):		1	
Net Weight (kg):		29.94	
Internal Free Volume (cm ³):		6.0	
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	39.0	MCC (Amps):	7.8	UL File No:
LRA-Half Winding:		RPM:		UL File Date:
LRA Low*:		Max Operating Current:		
RLA(=MCC/1.4;use for contactor selection):		5.6		
RLA(=MCC/1.56;use for breaker & wire size		5		
*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	
R-22 HCFC	50	3	380/420	High Temperature
R-22 HCFC	60	3	380/460	
R-22 HCFC	60	3	380/460	Air Conditioning
R-22 HCFC	60	3	380/460	High Temperature
R-22 HCFC	60	3	380/460	UL Medium Temp
R-22 HCFC	60	3	380/460	UL Medium Temp