

**CRNQ-0500-TFD**

HCFC, R-22, 50 Hz, 3 - Phase, 380/420 V [. Also Available with Variable Frequency Drives](#)

**Air Conditioning**

**Production Status:** Non U.S. model with restricted sales - Contact your Emerson Climate Technologies Representative.

Performance			Mechanical	
Evaporator Temp. (°C)	7	7	Displacement (cm <sup>3</sup> /Rev):	101.93
Condensing Temp. (°C)	54	38	Displacement (m <sup>3</sup> /Hr):	
Return Gas Temp. (°C)	18	18	Overall Length (mm):	289.05
Liquid Temp. (°C)	46	29	Overall Width (mm):	238.25
Capacity (Watts)	15005	19284	Overall Height (mm):	409.70
Power (W):	5000	4130	Mounting Length (mm):	190.50
Current (Amps):	8.6	7.1	Mounting Width (mm):	190.50
EER(BTU/Wh):	17.33	27.01	Mounting Height (mm):	419.10
Mass Flow (lbs/hr):	94.50	107.10	Suction Size (mm),Type:	177.80 / 203.20 Stub
Sound Data @			Discharge Size (mm),Type:	25.40 / 50.80 Stub
Sound Power (dBA):	78 Avg	83 Max	Initial Oil Charge (ml):	2070.18
Vibration mils(peak-peak):	6.0 Avg	7.0 Max	Oil Recharge (ml):	1951.88
Record Date:	1995-03-24		Oil Type:	MIN
			Net Weight (kg):	37.19
			Internal Free Volume (cm <sup>3</sup> ):	9176.72
			Horse Power:	
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical		Capacitors			
Type	Part No	Low MFD	High MFD	Volts	User Description
LRA High* (Amps):	65.0				
LRA Low*(Amps):					No data available in table
LRA Half Winding (Amps):					
MCC (Amps):	13.5				
Max Operating Current (Amps):					
RLA, MCC/1.4(use for contactor selection)(Amps):	9.6				
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	8.7				
RPM:					
Box IP :					
UL File No:					
UL File Date:	1984-12-28				

\*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.

**Alternate Applications**

Refrigerant	Voltage	Phase	Frequency	Application
R-22 HCFC	380/460	3	60	Air Conditioning