

CRNQ-0500-TFD

HCFC, R-22, 60Hz, 3- Phase, 380/460 V

Air Conditioning



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

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)	18000	22600
Power (Watts):	6210	4870
Current (Amps):	9.00	7.60
EER (COP):	2.90	4.66
Mass Flow (g/s):	114	125
Sound Power (dBA):	80 Avg	85 Max
Vibration (mm(peak-peak)):	0.127 Avg	0.152 Max
Record Date:	1995-03-24	

Mechanical

Number of Cylinders:	2	Displ(cm ³ /Rev):	101.96
Bore Size(mm):	49.78	Displ(meters ³ /hr):	21.41
Stroke(mm):	26.19		
Overall Length (mm):	289.05	Mounting Length (mm):	190.50
Overall Width (mm):	238.13	Mounting Width (mm):	190.50
Overall Height (mm):	409.70	Mounting Height (mm):	419.10 *
Suction Size (mm):	22 11/32 Stub		
Discharge Size (mm):	12 11/16 Stub		
Oil Recharge (liter):	1952		
Initial Oil Charge (liter):	2070		
Net Weight (kg):	37.19		
Internal Free Volume (cm ³):	9178.399		
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	65.0	MCC (Amps):	13.5	UL File No:	
LRA-Half Winding:		RPM:	3500	UL File Date:	28-Dec-1984
LRA Low*:		Max Operating Current:	10.8		
RLA(=MCC/1.4;use for contactor selection):	9.6				
RLA(=MCC/1.56;use for breaker & wire size selection):	8.7				
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					

Alternate Applications

<u>Refrigerant</u>	<u>Freq (Hz)</u>	<u>Phase</u>	<u>Voltage</u>	<u>Application</u>
R-22 HCFC	50	3	380/420	Air Conditioning