

9RJ1-050A-TFC

CFC, R-12, 50 Hz, 3 - Phase, 200/220 V , [Also Available with Variable Frequency Drives](#)

**Low Temperature**

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

Performance			Mechanical	
Evaporator Temp. (°F)	-25	-40	Displacement (in <sup>3</sup> /Rev):	22.56
Condensing Temp. (°F)	105	105	Displacement (ft <sup>3</sup> /Hr):	
Return Gas Temp. (°F)	65	65	Overall Length (in):	25.72
Liquid Temp. (°F)	105	105	Overall Width (in):	15.06
Capacity (BTU/hr)	12100	6030	Overall Height (in):	17.59
Power (W):	2470	1820	Mounting Length (in):	15.00
Current (Amps):	10.4	9	Mounting Width (in):	12.00
EER(BTU/Wh):	4.9	3.3	Mounting Height (in):	18.63
Mass Flow (lbs/hr):	220	109	Suction Size (in),Type:	1 3 / 8 Sweat
Sound Data @			Discharge Size (in),Type:	7 / 8 Sweat
Sound Power (dBA):	0 Avg	0 Max	Initial Oil Charge (oz):	115
Vibration mils(peak-peak):	0.0 Avg	0.0 Max	Oil Recharge (oz):	105
Record Date:	2006-10-20		Net Weight (lbs):	322.0
			Internal Free Volume (in <sup>3</sup> ):	
			Horse Power:	
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical		Capacitors					
LRA High* (Amps):	115.0	Type	Part No	Low MFD	High MFD	Volts	User Description
LRA Low*(Amps):		No data available in table					
LRA Half Winding (Amps):							
MCC (Amps):	22.2						
Max Operating Current (Amps):							
RLA, MCC/1.4(use for contactor selection)(Amps):	15.9						
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	14.2						
RPM:							
Box IP :							
UL File No:							
UL File Date:							

\*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-12 CFC	208/230	3	60	Low Temperature