

# 9RA1-050A-TFC

CFC, R-12, 60Hz, 3- Phase, 208/230 V  
Medium Temperature



**Production Status:** This compressor and/or application of this compressor is not available to U.S. OEM customers. A field replacement is currently available through a U.S. Emerson Climate Technologies Wholesaler. Please check with your local Emerson Climate Technologies Representative for international availability.

## Performance

Evap(°F)/Cond(°F)	20 / 120	0 / 110
RG(°F)/Liq(°F)	65.0 / 120.0	65.0 / 110.0
Capacity (Btu/hr)	36300	23600
Power (Watts):	5050	3850
Current (Amps):	16.10	12.40
EER (Btu/Wh):	7.20	6.10
Mass Flow (lbs/hr):	725	444
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-peak)):	0.0 Avg	0.0 Max
Record Date:	2006-09-20	

## Mechanical

Number of Cylinders:	3	Displ(in <sup>3</sup> /Rev):	22.56
Bore Size(in):	2.19	Displ(ft <sup>3</sup> /hr):	1370.78
Stroke(in):	2.00		
Overall Length (in):	25.72	Mounting Length (in):	15.00
Overall Width (in):	15.06	Mounting Width (in):	12.00
Overall Height (in):	17.59	Mounting Height (in):	18.63 *
Suction Size (in):	1 3/8 Sweat		
Discharge Size (in):	7/8 Sweat		
Oil Recharge (oz):	105		
Initial Oil Charge (oz):	115		
Net Weight (lbs):	325		
Internal Free Volume (in <sup>3</sup> ):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*:	115.0	MCC (Amps):	23.4	UL File No:
LRA-Half Winding:		RPM:	3500	UL File Date:
LRA Low*:		Max Operating Current:		
RLA(=MCC/1.4;use for contactor selection):		16.7		
RLA(=MCC/1.56;use for breaker & wire size selection):		15		
*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-12 CFC	50	3	200/220	Medium Temperature