

9RA1-050A-TFC

CFC, R-12, 60 Hz, 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

Evaporator Temp. (°F)	20	0
Condensing Temp. (°F)	120	110
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	120	110
Capacity (Btu/hr)	36300	23600
Power (W):	5050	3850
Current (Amps):	16.10	12.40
EER (Btu/Wh):	7.20	6.10
Mass Flow (lbs/hr):	725	444
Sound Data @		
Sound Power (dBA):	0 Avg	0 Max
Vibration mils(peak-peak):	0.0 Avg	0.0 Max
Record Date:	2006-09-20	

Mechanical

Displacment(in ³ /Rev):	22.56
Displacment(ft ³ /hr):	1370.78
Overall Length (in):	25.72
Overall Width (in):	15.06
Overall Height (in):	17.59
Mounting Length (in):	15.00
Mounting Width (in):	12.00
Mounting Height (in):	18.63 *
Suction Size (in),Type:	1 3/8 Sweat
Discharge Size (in),Type:	7/8 Sweat
Initial Oil Charge (oz):	115
Oil Recharge (oz):	105
Net Weight (lbs):	336.0
Internal Free Volume (in ³):	
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical

LRA-High*(Amp):	115.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	23.4
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	16.7
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	15.0
RPM:	
UL File No:	
UL File Date:	
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.	

Capacitors

Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-12 CFC	200/220	3	50	Medium Temperature