

# 9RC1-076A-TFD

CFC, R-12, 60Hz, 3- Phase, 460 V  
High Temp



**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)	45 / 130	20 / 120
RG(°F)/Liq(°F)	65.0 / 130.0	65.0 / 120.0
Capacity (Btu/hr)	72000	42500
Power (Watts):	8700	6400
Current (Amps):	12.90	10.00
EER (Btu/Wh):	8.30	6.60
Mass Flow (lbs/hr):	1540	850
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):	26.58
Bore Size(in):	2.38	Displ(ft <sup>3</sup> /hr):	1615.11
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):	1 1/8 Sweat		
Oil Recharge (oz):	105		
Initial Oil Charge (oz):	115		
Net Weight (lbs):	354		
Internal Free Volume (in <sup>3</sup> ):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*:	82.0	MCC (Amps):	19.8	UL File No:
LRA-Half Winding:		RPM:	3500	UL File Date:
LRA Low*:		Max Operating Current:		
RLA(=MCC/1.4;use for contactor selection):		14.1		
RLA(=MCC/1.56;use for breaker & wire size selection):		12.7		
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.				

## Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-12 CFC	60	3	460	UL Medium Temp
R-22 HCFC	60	3	460	Medium Temperature
R-502 CFC	60	3	460	
R-12 CFC	50	3	380/400	High Temp
R-12 CFC	50	3	380/400	UL Medium Temp
R-22 HCFC	50	3	380/400	UL Medium Temp
R-502 CFC	50	3	380/400	