

# 9RS2-076A-TFD

CFC, R-12, 60 Hz, 3 -Phase, 460 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)	56500	40200
Power (W):	8600	6400
Current (Amps):	14.10	11.70
EER (Btu/Wh):	6.60	6.30
Mass Flow (lbs/hr):	1120	755
<u>Sound Data @</u>		
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 <sup>3</sup> /Rev):	35.01
Displacment(ft <sup>3</sup> /hr):	2127.41
Overall Length (in):	27.47
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 5/8 Sweat
Discharge Size (in),Type:	1 1/8 Sweat
Initial Oil Charge (oz):	115
Oil Recharge (oz):	105
Net Weight (lbs):	360.0
Internal Free Volume (in <sup>3</sup> ):	
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

## Electrical

LRA-High*(Amp):	82.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	22.1
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	15.8
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	14.2
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	460	3	60	UL Low Temp
R-12 CFC	380/400	3	50	Medium Temperature
R-12 CFC	380/400	3	50	Low Temperature
R-502 CFC	460	3	60	Extra-Low Temperature