

9RB1-076A-TFC

CFC, R-502, 60Hz, 3- Phase, 208/230 V

Low 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)	-25 / 105	-40 / 105
RG(°F)/Liq(°F)	65.0 / 105.0	65.0 / 105.0
Capacity (Btu/hr)	29400	19200
Power (Watts):	6450	4830
Current (Amps):	22.60	19.30
EER (Btu/Wh):	4.60	4.00
Mass Flow (lbs/hr):	580	377
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-peak)):	0.0 Avg	0.0 Max
Record Date:	2007-01-12	

Mechanical

Number of Cylinders:	3	Displ(in ³ /Rev):	26.58
Bore Size(in):	2.38	Displ(ft ³ /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):	328		
Internal Free Volume (in ³):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	164.0	MCC (Amps):	44.9	UL File No:
LRA-Half Winding:		RPM:	3500	UL File Date:
LRA Low*:		Max Operating Current:		
RLA(=MCC/1.4;use for contactor selection):		32.1		
RLA(=MCC/1.56;use for breaker & wire size selection):		28.8		
*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-502 CFC	50	3	200/220	Low Temperature
R-12 CFC	50	3	200/220	Medium Temperature
R-12 CFC	60	3	208/230	Medium Temperature