

MRH4-076A-TFC

CFC, R-502, 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)	53000	35800
Power (Watts):	7600	5800
Current (Amps):	24.50	19.70
EER (Btu/Wh):	7.00	6.20
Mass Flow (lbs/hr):	1190	740
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-peak)):	0.0 Avg	0.0 Max
Record Date:	2007-01-22	

Mechanical

Number of Cylinders:	2	Displ(in ³ /Rev):	18.71
Bore Size(in):	2.56	Displ(ft ³ /hr):	1136.71
Stroke(in):	1.81		
Overall Length (in):	22.44	Mounting Length (in):	11.63
Overall Width (in):	13.00	Mounting Width (in):	11.00
Overall Height (in):	16.94	Mounting Height (in):	18.00 *
Suction Size (in):	1 3/8 Sweat		
Discharge Size (in):	1 1/8 Sweat		
Oil Recharge (oz):	70		
Initial Oil Charge (oz):	80		
Net Weight (lbs):	281		
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):	42.4	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	26-Apr-1972
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):			30.3		
RLA(=MCC/1.56;use for breaker & wire size selection):			27.2		
*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-22 HCFC	50	3	200/220	
R-22 HCFC	60	3	208/230	
R-502 CFC	50	3	200/220	Medium Temperature
R-22 HCFC	50	3	200/220	High Temp
R-22 HCFC	60	3	208/230	High Temp