

MRH4-076A-TFD

CFC, R-502, 60 Hz, 3 - Phase, 460 V [. Also Available with Variable Frequency Drives](#)

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			Mechanical					
Evaporator Temp. (°F)	20.00	0	Displacement (in ³ /Rev):	18.71				
Condensing Temp. (°F)	120.00	110	Displacement (ft ³ /Hr):					
Return Gas Temp. (°F)	65.00	65	Overall Length (in):	23.38				
Liquid Temp. (°F)	120.00	110	Overall Width (in):	13.00				
Capacity (BTU/hr)	53000	35800	Overall Height (in):	17.25				
Power (W):	7600	5800	Mounting Length (in):	11.63				
Current (Amps):	12.3	9.9	Mounting Width (in):	11.00				
EER(BTU/Wh):	7	6.2	Mounting Height (in):	18.28				
Mass Flow (lbs/hr):	1190	740	Suction Size (in),Type:	1 3 / 8 Sweat				
Sound Data @			Discharge Size (in),Type:	1 1 / 8 Sweat				
Sound Power (dBA):	0 Avg	0 Max	Initial Oil Charge (oz):	80				
Vibration mils(peak-peak):	0.0 Avg	0.0 Max	Oil Recharge (oz):	70				
Record Date:	2007-01-22		Oil Type:	ABO				
			Net Weight (lbs):	281.0				
			Internal Free Volume (in ³):					
			Horse Power:					
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.					
Electrical			Capacitors					
LRA High* (Amps):	82.0		Type	Part No	Low MFD	High MFD	Volts	User Description
LRA Low*(Amps):			No data available in table					
LRA Half Winding (Amps):								
MCC (Amps):	18.9							
Max Operating Current (Amps):								
RLA, MCC/1.4(use for contactor selection)(Amps):	13.5							
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	12.1							
RPM:								
Box IP :								
UL File No:	SA-2337							
UL File Date:	1972-04-26							
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.								

Alternate Applications

Refrigerant	Voltage	Phase	Frequency	Application
R-22 HCFC	460	3	60	High Temp
R-22 HCFC	380/400	3	50	High Temp
R-502 CFC	380/400	3	50	Medium Temperature