

MRH4-076A-TFD

HCFC, R-22, 60 Hz, 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

Evaporator Temp. (°F)	45	20
Condensing Temp. (°F)	130	120
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	130	120
Capacity (Btu/hr)	81500	51500
Power (W):	9250	7100
Current (Amps):	15.00	12.00
EER (Btu/Wh):	8.80	7.20
Mass Flow (lbs/hr):	1290	750
Sound Data @		
Sound Power (dBA):	0 Avg	0 Max
Vibration mils(peak-peak):	0.0 Avg	0.0 Max
Record Date:	2007-01-04	

Mechanical

Displacment(in ³ /Rev):	18.71
Displacment(ft ³ /hr):	1136.71
Overall Length (in):	23.38
Overall Width (in):	13.00
Overall Height (in):	17.25
Mounting Length (in):	11.63
Mounting Width (in):	11.00
Mounting Height (in):	18.28 *
Suction Size (in),Type:	1 3/8 Sweat
Discharge Size (in),Type:	1 1/8 Sweat
Initial Oil Charge (oz):	80
Oil Recharge (oz):	70
Net Weight (lbs):	254.0
Internal Free Volume (in ³):	
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):	18.3
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	13.1
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	11.7
RPM:	
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.	

Capacitors

Alternate Applications

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