MRH4-076A-TFD

HCFC, R-22, 60 Hz, 3 - Phase, 460 V , Also Available with Variable Frequency Drives

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)	45.00	20
Condensing Temp. (°F)	130.00	120
Return Gas Temp. (°F)	65.00	65
Liquid Temp. (°F)	130.00	120
Capacity (BTU/hr)	81500	51500
Power (W):	9250	7100
Current (Amps):	15	12
EER(BTU/Wh):	8.8	7.2
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

Displacement (in^3/Rev):	18.71
Displacement (ft^3/Hr):	
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
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

LRA High* (Amps):	82.0
LRA Low*(Amps):	
LRA Half Winding (Amps):	
MCC (Amps):	18.3
Max Operating Current (Amps):	
RLA, MCC/1.4(use for contactor selection)(Amps):	13.1
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	11.7
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.

Capacitors

Type	Part No	Low MFD	High MFD	Volts	User Description
No data available in table					

Alternate Applications

Refrigerant	Voltage	Phase	Frequency	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