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.

ondensing Temp. (°F) 130 120 etum Gas Temp. (°F) 65 65 iquid Temp. (°F) 130 120 apacity (Btu/hr) 81500 51500 over (W): 9250 7100 urrent (Amps): 15.00 12.00 ER (Btu/Wh): 8.80 7.20 lass Flow (Ibs/hr): 1290 750 ound Power (dBA): 0.4xg 0.Max ibration mils(peak-peak): 0.0 Avg 0.0 Max ecord Date: 2007-01-04 11/8 Sweat Initial Oil Charge (oz): 70 Net Weight (Ibs): 254.0 Internal Free Volume (in^3): Horse Power: *Overall compressor height on Copeland Brand Product's specified mounting grommets. RA-High*(Amp): 82.00 RA-Half Winding (Amp): 13.1 LA, MCC/1.4;use for contactor selection (Amp): 13.1 LA, MCC/1.4;use for contactor selection (Amp): 1972-04-26 w and High refer to the low and high nominal voltage ranges for hich the motor is approved. 1972-04-26 w and High refer to the low and high nominal voltage ranges for hich the motor is approved. Alternate Applicat	Perf	ormance		Mechanical		
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iquid Temp. (F) 130 120 apacity (Btu/hr) 81500 51500 ower (W): 9250 7100 urrent (Amps): 15.00 12.00 ER (Btu/Wh): 8.80 7.20 Iass Flow (Ibs/hr): 1290 750 ound Data @ 0 0.0 Avg 0.0 Max jbration mils(peak-peak): 0.0 Avg 0.0 Max cord Date: 2007-01-04 1/8 Sweat Discharge Size (in), Type: 1 3/8 Sweat Initial Oil Charge (oz): 80 Oil Recharge (oz): 70 Net Weight (Ibs): 254.0 Internal Free Volume (in^3): Horse Power: *Overall compressor height on Copeland Brand Product's specified mounting grommets. * ALow* (Amp): 18.31 RA-Hait Winding (Amp): 18.31 tax Operating Current(Amp): 13.1 LA, MCC/1.4;use for contactor selection (Amp): 11.7 IPM: L File No: SA-2337 L File No: SA-2337 L File No: SA-2337 L File No: SA-2337 L File No: </td <td>Condensing Temp. (°F)</td> <td>130</td> <td>120</td> <td>Displacment(ft^3/hr):</td> <td>1136.71</td>	Condensing Temp. (°F)	130	120	Displacment(ft^3/hr):	1136.71	
Apacity (Bu/hr) 81500 51500 ower (W): 9250 7100 urrent (Amps): 15.00 12.00 ER (Btu/Wh): 8.80 7.20 Itass Flow (Ibs/hr): 1290 750 ound Data @ 0 0 Avg 0 Max ound Power (dBA): 0.4 vg 0.0 Max bitation mils(peak-peak): 0.0 Avg 0.0 Max ecord Date: 2007-01-04 80 Ci (Amps): 2007-01-04 80 RA-High*(Amp): 82.0 7.20 RA-High*(Amp): 82.0 7.20 RA-High*(Amp): 82.0 0.0 Ra Low* (Amp): 1.18.3 At Cort.facure for contactor selection (Amp): 13.1 1.14.4 LA, MCC/1.4; use for contactor selection (Amp): 13.1 1.14.7 LA, MCC/1.4; use for contactor selection (Amp): 13.1 1.14.7 LF lie No: SA-2337 1.14.7 1.16.7 L File No: SA-2337 1.14.7 1.14.7 L File Date: 1972-04-26 1972-04-26 2.04.14.10.14.14.14.14.14.14.14.14.14.14.14.14.14.	Return Gas Temp. (°F)	65	65	Overall Length (in):	23.38	
wer (W): 9250 7100 urrent (Amps): 15.00 12.00 ER (Btu/Wh): 8.80 7.20 lass Flow (lbs/hr): 1290 750 ound Data @ 0 0 ound Power (dBA): 0 Avg 0 Max ibration mils(peak-peak): 0.0 Avg 0.0 Max ecord Date: 2007-01-04 2007-01-04 Electrical RA-High*(Amp): 82.0 RA-Haff Winding (Amp): 18.3 ItA, MCC/1.4;use for contactor selection (Amp): 13.1 LA, MCC/1.4;use for contactor selection (Amp): 11.7 IL File No: SA-2337 JL File Date: 1972-04-26 .ow and High refer to the low and high nominal voltage ranges for hich the motor is approved. Alternate Applications	Liquid Temp. (°F)	130	120	Overall Width (in):	13.00	
And (1). Constraints International (1). 15.00 Iternate Applications	Capacity (Btu/hr)	81500	51500	Overall Height (in):	17.25	
ER (Bit/Wh): 8.80 7.20 Itass Flow (lbs/hr): 1290 750 ound Data @ 0 0 ound Power (dBA): 0 Avg 0 Max ibration mils(peak-peak): 0.0 Avg 0.0 Max cord Date: 2007-01-04 11/8 Sweat Discharge Size (in), Type: 1 1/8 Sweat Discharge (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. * RA-Half Winding (Amp): 18.3 RA-Half Winding (Amp): 18.3 At Operating Current(Amp): 18.1 RLA, MCC/1.4;use for contactor selection (Amp): 13.1 RLA, MCC/1.4;use for contactor selection (Amp): 13.1 RLA, MCC/1.56;use for breaker & wire size selection (Amp): 11.7 IPM: 11/1 LI File No: SA-2337 JL File Date: 1972-04-26 .ow and High refer to the low and high nominal voltage ranges for hich the motor is approved. Alternate Applications	Power (W):	9250	7100	Mounting Length (in):	11.63	
Alse Flow (lbs/hr): 1290 750 ound Data @ 0 0 ound Power (dBA): 0 Avg 0 Max ibration mils(peak-peak): 0.0 Avg 0.0 Max eord Date: 2007-01-04 2007-01-04 Suction Size (in), Type: 1 3/8 Sweat Initial Oil Charge (oz): 80 Oil Recharge (oz): 80 Oil Recharge (oz): 70 Net Weight (lbs): 254.0 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. RA-Half Winding (Amp): 18.3 Ra. MCC/1.4;use for contactor selection (Amp): 13.1 RLA, MCC/1.4;use for breaker & wire size selection (Amp): 11.7 RM: 11/12 11/12 IL File No: SA-2337 JL File Date: 1972-04-26 ow and High refer to the low and high nominal voltage ranges for brich the motor is approved. Alternate Applications	Current (Amps):	15.00	12.00	Mounting Width (in):	11.00	
ound Data @ OAvg 0 Max ound Power (dBA): 0 Avg 0 Max ibration mils(peak-peak): 0.0 Avg 0.0 Max ecord Date: 2007-01-04 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. "Overall compressor height on Copeland Brand Product's specified mounting grommets. RA-Half Winding (Amp): 18.3 Ax Operating Current(Amp): 18.3 RLA, MCC/1.4;use for contactor selection (Amp): 13.1 RPM: SA-2337 JL File Date: 1972-04-26 .cow and High refer to the low and high nominal voltage ranges for hich the motor is approved. Alternate Applications Alternate Applications	EER (Btu/Wh):	8.80	7.20	Mounting Height (in):	18.28 *	
ound Power (dBA): 0 Avg 0 Max ibration mils(peak-peak): 0.0 Avg 0.0 Max ecord Date: 2007-01-04 Initial Oil Charge (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. RA-High*(Amp): 18.3 RA-Half Winding (Amp): 18.3 Ax Operating Current(Amp): 18.3 RAA, MCC/1.4;use for contactor selection (Amp): 13.1 RLA, MCC/1.56;use for breaker & wire size selection (Amp): 11.7 RPM: 1972-04-26 Low and High refer to the low and high nominal voltage ranges for hich the motor is approved. SA-2337 Alternate Applications Alternate Applications	Mass Flow (lbs/hr):	1290	750	Suction Size (in),Type:	1 3/8 Sweat	
ibration mils(peak-peak): 0.0 Avg 0.0 Max ecord Date: 2007-01-04 Oil Recharge (oz): 70 Net Weight (lbs): 254.0 Internal Free Volume (in^3): Note Weight (lbs): 254.0 Internal Free Volume (in^3): Horse Power: Overall compressor height on Copeland Brand Product's specified mounting grommets. Cole (Amps): RA-Half Winding (Amp): ALA, MCC/1.4;use for contactor selection (Amp): 13.1 RA-Half NCC/1.56;use for breaker & wire size selection (Amp): 11.7 PM: 11.7 11.7 PM: 11.7 11.7 IJ File Date: 1972-04-26 Alternate Applications	Sound Data @			Discharge Size (in),Type:	1 1/8 Sweat	
ecord Date: 2007-01-04 Net Weight (lbs): 254.0 Internal Free Volume (in^3): Horse Power: "Overall compressor height on Copeland Brand Product's specified mounting grommets. RA-Half Winding (Amp): RA-Half Winding (Amp): 18.3 Max Operating Current(Amp): 18.3 RA, MCC/1.4;use for contactor selection (Amp): 13.1 RLA, MCC/1.56;use for breaker & wire size selection (Amp): 11.7 IPM: 1972-04-26 Low and High refer to the low and high nominal voltage ranges for hich the motor is approved. SA-2337 Alternate Applications	Sound Power (dBA):	0 Avg	0 Max	Initial Oil Charge (oz):	80	
Lot of each of the second of the second of the second of the motor is approved. Lot of each of the second of the motor is approved.	Vibration mils(peak-peak):	0.0 Avg	0.0 Max	Oil Recharge (oz):	70	
Electrical RA-High*(Amp): 82.0 RA Low* (Amp): 82.0 RA-Half Winding (Amp): Worall compressor height on Copeland Brand Product's specified mounting grommets. MCC (Amps): 18.3 Max Operating Current(Amp): 18.3 RLA, MCC/1.4;use for contactor selection (Amp): 13.1 RLA, MCC/1.56;use for breaker & wire size selection (Amp): 11.7 PM: IL File No: SA-2337 JL File Date: 1972-04-26 .ow and High refer to the low and high nominal voltage ranges for hich the motor is approved. Alternate Applications	Record Date:	2007-01-04		Net Weight (lbs):	254.0	
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RA-Half Winding (Amp): MCC (Amps): Max Operating Current(Amp): RLA, MCC/1.4; use for contactor selection (Amp): RLA, MCC/1.4; use for breaker & wire size selection (Amp): RLA, MCC/1.56; use for breaker & wire size selection (Amp): IL File No: JL File No: JL File Date: aw and High refer to the low and high nominal voltage ranges for hich the motor is approved. Alternate Applications	LRA-High*(Amp):		82.0		nd Brand Product's specified	
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Low and High refer to the low and high nominal voltage ranges for hich the motor is approved. Alternate Applications	UL File No:		SA-2337			
hich the motor is approved. Alternate Applications	UL File Date:		1972-04-26			
· ·	*Low and High refer to the low which the motor is approved.	and high nominal vo	Itage ranges for			
Phase Freq (Hz) Application			Alterna	te Applications		
	<u>Refrigerant</u>	Voltage	Phase	Freq (Hz)	Application	

Refrigerant	<u>Voltage</u>	<u>Phase</u>	<u>Freq (Hz)</u>	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

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