

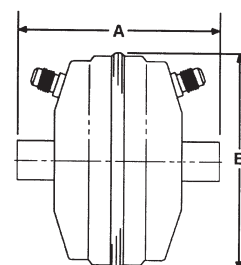
## MARS compact suction line driers - flow capacities in refrigerant tons at selected evaporator temperatures

The MARS compact suction line driers are designed for use in air conditioning, heat pump, and refrigeration systems in which the available space in the suction line is limited. This is especially useful in heat pump systems where the drier must be placed between the reversing valve and the compressor. This compact suction drier should be used for motor burnout clean-up applications, and installed in remote systems with long refrigerant lines. The filter drier will collect and hold any dirt that is in the evaporator or suction line at start up.

The molded desiccant core block effectively removes and holds a maximum amount of contaminants with a minimum pressure drop. The binding material in the core protects the core from acid decomposition and allows it to collect and hold organic acids from a motor burnout. An inlet deflector, spreads the refrigerant flow evenly to prevent erosion and effectively uses the full filtration capacity of the filtering system.

### Features & Benefits:

- For use on R134A, R12, R22, R500, R404A, R507, R502
- High organic & inorganic acid removal
- Dual access valves for accurate pressure drop readings
- Solid block desiccant core
- For use with HCFCs, CFCs and the lubricants that go with them
- Solid copper ODF fittings
- Corrosion resistant paint
- Maximum working pressure 302 PSIG
- Minimum burst pressure 1510 PSIG



MARS NO.	MODEL NO.	SIZE & TYPE	DIMENSION		+40°F	+20°F	0°F	-20°F	+40°F	+20°F	0°F	-20°F	-40°F	+40°F	+20°F	0°F	-20°F	-40°F
					R-134A				R-22					R-502				
			A	B	PRESSURE DROP IN P.S.I.				PRESSURE DROP IN P.S.I.					PRESSURE DROP IN P.S.I.				
20167	MCD-14S6	3/4 ODF	4.37	4.57	3.1	2.1	1.3	0.7	4.9	3.2	2.2	1.4	0.7	3.6	2.3	1.5	0.9	0.5
20168	MCD-14S7	7/8 ODF	4.55	4.57	3.3	2.2	1.4	0.7	5.2	3.4	2.3	1.5	0.8	3.6	2.3	1.5	0.9	0.5

## MARS Sight Glass - Moisture Indicators

The MARS Moisture Indicators are constructed of forged brass bodies with brass fittings. The large viewing area of the sight glass allows for quick and easy inspection of the refrigerant as it flows through the system. Bubbles passing through the sight glass may be an indication of a low system charge or a restriction in the refrigerant system.

The moisture Indicators are designed to provide an accurate method of determining when the moisture content is dangerously wet in a refrigerant system and when the liquid line drier is no longer effective. An indicator element is highly sensitive to moisture and will gradually change color in reaction to the moisture content of the refrigerant system. Maximum working pressure is 680 PSIG. Minimum Burst pressure is 2500PSIG. UL and CSA listed.



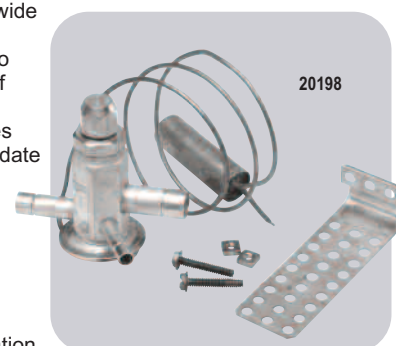
MARS NO.	MARS MODEL NO.	DESCRIPTION	LENGTH X HEIGHT INCHES	CASE QTY.
65639	MSG-3SS	3/8 Solder x Solder	4.69 x 1.11	12
65640	MSG-4SS	1/2 Solder x Solder	4.88 x 1.29	12
65641	MSG-5SS	5/8 Solder x Solder	4.88 x 1.38	12
65642	MSG-7SS	7/8 Solder x Solder	5.90 x 1.66	12

## MARS Thermo Expansion Valves

The MARS Thermo Expansion Valves are used for heat pump, air conditioning, food service and commercial applications. These valves incorporate a high stability charge designed for R-22 HVAC applications. The wide range charge provides greater superheat stability, allowing two valves to cover a wide range of capabilities from 1 to 5 tons. These thermo expansion valves allow the wholesaler to consolidate inventory by replacing several valves with the two wide range valves we offer.

### Features & Benefits:

- Hermetic construction eliminates external leakage
- Compact size allows installation in limited spaces
- External equalizer
- Stainless steel power element eliminates corrosion and prevents valve failure
- Integral check valve
- Maximum working pressure 600 PSIG
- Designed for R-22 applications



MARS NO.	MODEL NO.	CAPACITY	R-22 CAPACITY RANGE	CONNECTIONS	CAP. TUBE	CASE QTY.
20198	MXV2-1/2	2-1/2 Ton	1 – 3 Tons	3/8 x 1/2 ODF S/T	30"	12
20199	MXV5	5 Ton	1 – 5 Tons	3/8 x 1/2 ODF S/T	30"	12