

CHECK VALVES

MAGNI-CHEK™



Features:

- Designed for maximum flow and minimal pressure drop
- Safe working pressure in excess of 4,200 kpa (R-410a compatible) to 1-3/8" MS-22
- Multi-orientation while maintaining flow direction
- 30 mesh strainer
- Temperature working range -40°F to 302°F (-40°C to 150°C)
- Negligible loss in system efficiency
- Compatible with all fluorinated refrigerants and oils.
- Can be installed in any orientation
- Use in Discharge lines to prevent flow from the condenser to the compressor during the "off" cycle, or to prevent flow from an operating compressor to one that is idle.
- Use in Liquid lines to prevent reverse flow through the unused expansion device on heat pump systems, or to prevent backup into the low pressure liquid line of a recirculating system during a defrost period.

Catalog Number	Description	SWP	Kv m3/Hr	Connection Size	Valve Length	Valve Diameter
*F6306	MS-4	5,500	0.47	1/4"	4"	7/8"
*F6307	MS-6	5,500	0.99	3/8"	4"	7/8"
*F6308	MS-8	5,200	2.67	1/2"	5"	1 1/8"
*F6309	MS-10	5,200	2.98	5/8"	5"	1 1/8"
*F6310	MS-12	4,100	5.56	3/4"	7"	1 5/8"
*F6311	MS-14	4,100	7.58	7/8"	7"	1 5/8"
F6312	MS-18	4,100	13.19	1 1/8"	8 3/8"	2 1/8"
F6313	MS-22	4,000	16.26	1 3/8"	9 3/8"	2 5/8"
F6314	MS-26	3,000	27.78	1 5/8"	10 1/2"	3 1/8"
F6315	MS-34	3,200	48.27	2 1/8"	12"	3 5/8"
F6316	MS-42	3,000	64.76	2 5/8"	13"	4 1/8"

Description	Capacity						Cross Reference		
	Suction Kw			Liquid Kw			Henry	Emerson	Superior
	R-22	R-134A	R-404A	R-22	R-134A	R-404A			
MS-4	1.1	0.8	0.9	9.5	8.8	6.8	MS-4	AKC-4	900M-4S
MS-6	2.2	1.6	2.0	19.9	18.3	14.2	MS-6	AKC-6	900M-6S
MS-8	6.0	4.4	5.3	53.8	49.4	38.2	MS-8	AKC-8	900M-8S
MS-10	6.7	4.9	5.9	60	55.1	42.6	MS-10	AKC-10	900M-10S
MS-12	12.5	9.2	11	112.2	103.1	79.7	MS-12	AKC-12	900M-12S
MS-14	17	12.5	15	152.8	140.4	108.5	MS-14	AKC-14	900M-14S
MS-18	29.6	21.7	26.1	265.9	244.3	188.8	MS-18	AKC-18	N/A
MS-22	36.5	26.8	32.2	327.9	301.3	232.5	MS-22	AKC-22	N/A
MS-26	62.3	45.8	54.9	560.1	514.6	397.7	MS-26	AKC-26	N/A
MS-34	108.2	79.5	95.5	973.3	894.3	691.1	MS-34	AKC-34	N/A
MS-42	145.2	106.7	128.1	1,305.9	1,200	927.3	MS-42	AKC-42	N/A

The rated liquid and suction capacities are based on an evaporating temperature. $t_e = -10^\circ\text{C}$, liquid temp. ahead of the valve $t_i = +25^\circ\text{C}$ and a pressure drop across the valve. $p = 15 \text{ kPa} (2.18 \text{ psi})$



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Magni-Chek™ Check Valve & Muffler

Our Copper-Spun Check Valve/Muffler is designed to make the Bristol Benchmark Compressor compliant to a SEER 13 rating.



Catalog Number	Product Type	O.D. Tube Size	Valve Diameter	Lay-In Length
F7676	MSM-11	1/2"	1-5/8"	7-7/8"

Solid Brass Magni-Chek™ Check Valves

- **Leak Proof** Magnetic Checking Actions—No spring or ball to wear out
- **Mount in any position**
- **Body** is manufactured from solid brass
- **Available** in Flare, Solder or Both
- **The Choice of More OEM Manufacturers** than any other valve.

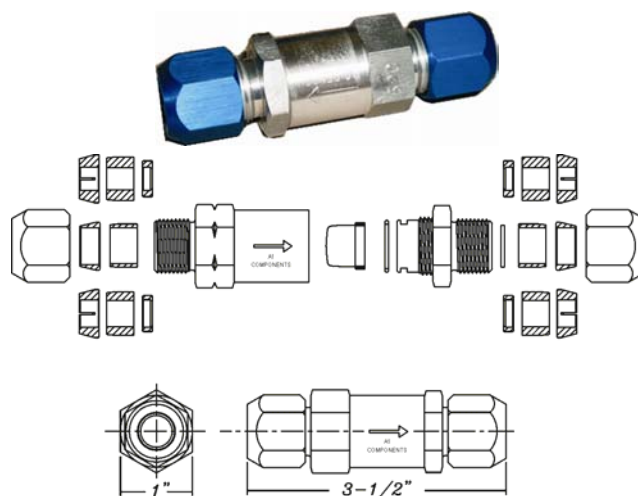


Catalog Number	Product Type	Body Size	Tube Input Size	Valve Seat Diameter	Valve Seat IN ²	Opening Pressure PSI	Weight lbs
F6317	MTS-4	1" Hex	1/4"	.462"	.168"	1	.27
F6318	MTS-6	1" Hex	3/8"	.462"	.168"	1	.30
F6319	MTS-8	1" Hex	1/2"	.462"	.168"	1	.34

Universal Automotive In-Line Filter Kit

A Low Cost and Unique Method To Insure Automotive Air Conditioning System Repair Reliability.

- **Kit Includes** Anodized Aluminum Main Filter Housing.
- **Fits** 5/16 , 3/8 and 1/2 Inch Tube
- **Captures and retains damaging debris** in the A/C system
- **Cutting or re-coupling of A/C Hose not Required**



Catalog No.	Product Type	Description
F7481	AF Filter	In-Line Filter

