



NEW



PRODUCT ANNOUNCEMENT

Check Valves & Flow Controls

Monnier, Inc. introduces check valves and flow controls to complement its already expansive line of air preparation products. These machined aluminum components are a natural extension of the Monnier product line and offer the following benefits:

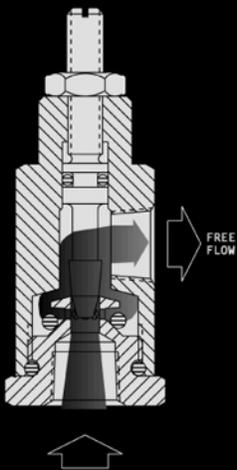
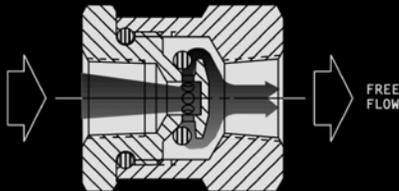
- Compact design adds to the appearance of any type of equipment.
- All valves are individually tested before they leave the factory.
- True “bubble tight” performance: Tests up to 50 million cycles show no discernible wear and still operate with zero leakage.

Check Valves

Lightweight aluminum O-Check® features a dilating o-ring as the only moving part. Quick to open, quick to close, O-Check ‘outflows’ the competition, will last millions of cycles (factory tests to 50 million cycles show no discernible wear) and always provides positive sealing (no bubble leakage). Standard NPTF sizes 1/8”, 1/4”, 3/8”, 1/2” and 3/4” and orifices available for fixed flow control applications.

Flow Controls

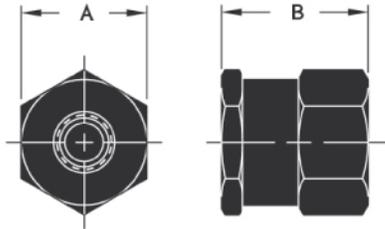
Right angle flow controls incorporate O-Check as the bypass valve. MRFC permits full free flow in one direction, accurately metered flow in opposite direction. Standard metering needle design includes compound needle taper of 5o and 15o and fine adjustment stem threads (MRFC 1/4 for example is 1/4”- 36). Right angle design eliminates the need for pipe elbow fitting normally used to make 90° turn at cylinder port. Standard NPTF sizes 1/8”, 1/4”, 3/8”, 1/2” and 3/4”. Adjustment knobs and panel mounting available (NPTF sizes 1/8”, 1/4” and 3/8” only). Optional swivel connector allows “direct” cylinder mounting and 360° rotation for ease of installation and space saving (NPTF sizes 1/8”, 1/4”, 3/8”, and 1/2” only).



CHECK VALVES: O-CHECK® MCV Series



Diagram

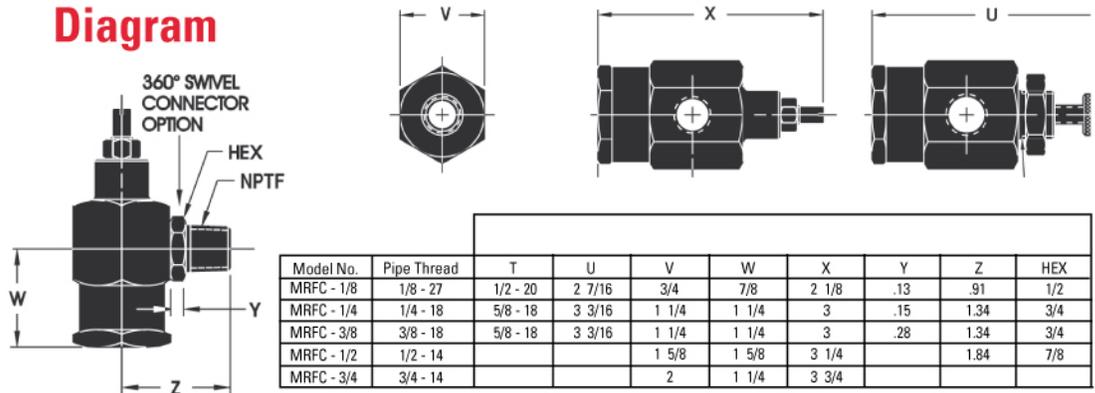


Model No.	Pipe Thread	A	B
MCV - 1/8	1/8 - 27	3/4	15/16
MCV - 1/4	1/4 - 18	1 1/8	1 15/16
MCV - 3/8	3/8 - 18	1 1/8	1 15/16
MCV - 1/2	1/2 - 14	1 5/8	1 9/16
MCV - 3/4	3/4 - 14	1 7/8	2 5/16

FLOW CONTROLS: RIGHT ANGLE MRFC Series

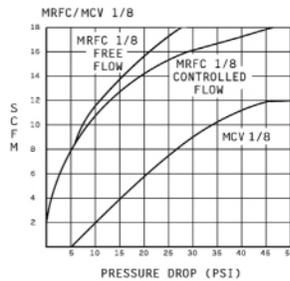
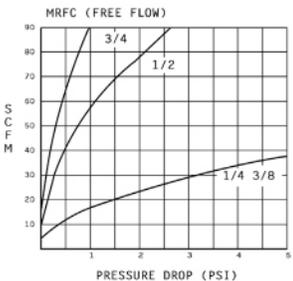
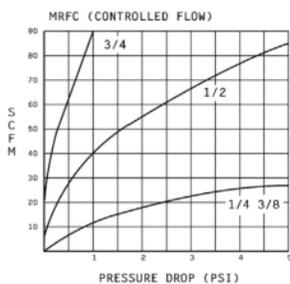
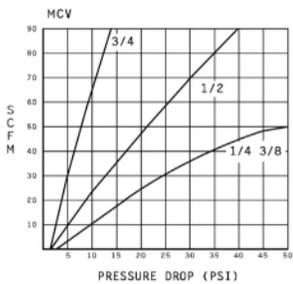


Diagram



Model No.	Pipe Thread	T	U	V	W	X	Y	Z	HEX
MRFC - 1/8	1/8 - 27	1/2 - 20	2 7/16	3/4	7/8	2 1/8	.13	.91	1/2
MRFC - 1/4	1/4 - 18	5/8 - 18	3 3/16	1 1/4	1 1/4	3	.15	1.34	3/4
MRFC - 3/8	3/8 - 18	5/8 - 18	3 3/16	1 1/4	1 1/4	3	.28	1.34	3/4
MRFC - 1/2	1/2 - 14			1 5/8	1 5/8	3 1/4		1.84	7/8
MRFC - 3/4	3/4 - 14			2	1 1/4	3 3/4			

Flow Charts



Ordering Information

SERIES	CODE	NPFT	OPTIONS	CODE	O-RINGS	CODE
O-Check	MCV	1/6 - 3/8 Orifice	1/32 Orifice	031	Buna - N (Standard) Viton	V
			1/16 Orifice	063		
		1/2 & 3/4	3/32 Orifice	094		
			1/8 Orifice	125	Buna - N (Only)	
Right Angle Flow Control	MRFC	1/8 to 3/8	Knob Panel Mount	K	Buna - N (Standard) Viton	V
			Knob & Panel Mt Swivel Knob	PK		
			Swivel Knob	S		
		1/2	Swivel	S	Buna - N (Only)	
		3/4				