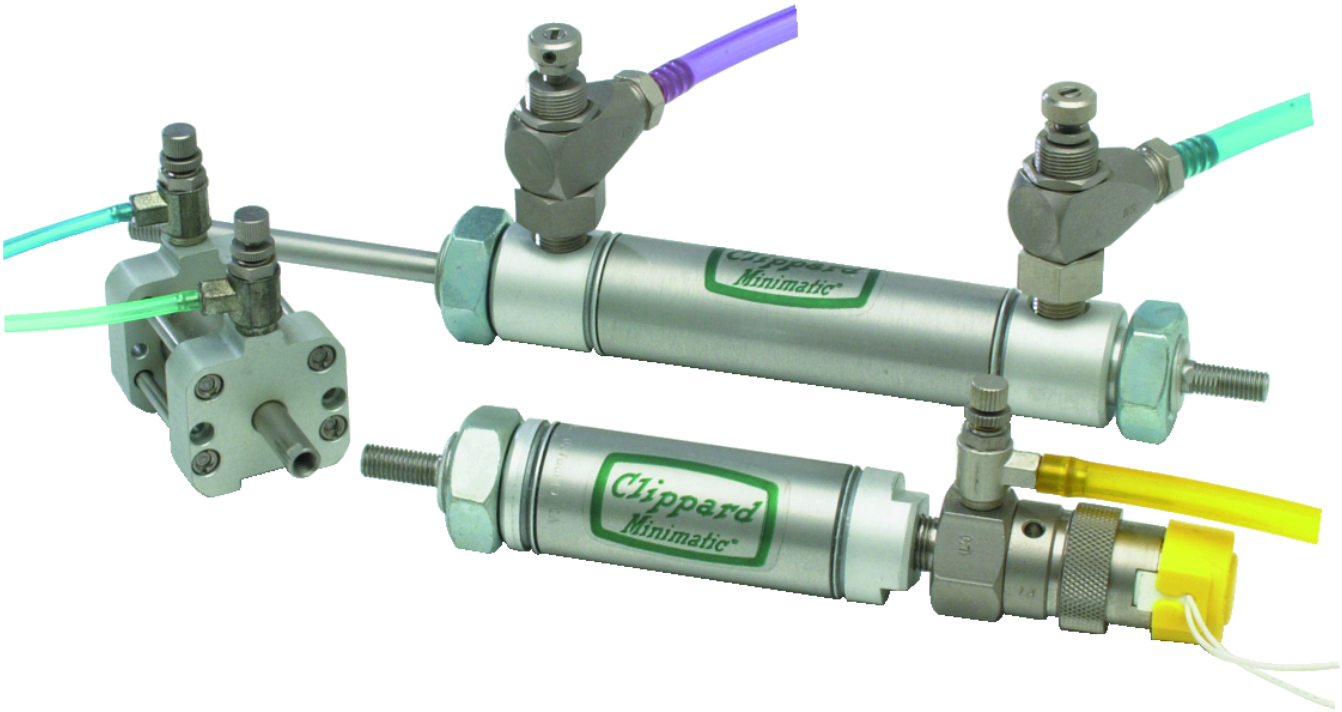
Right Angle Flow Controls

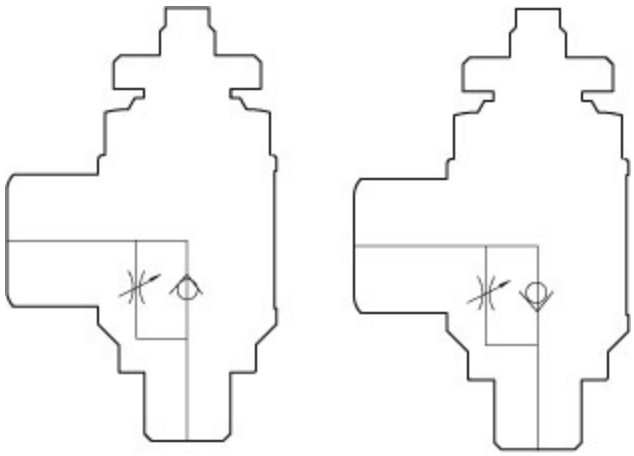
MFC-3AR

Adjustment	Recessed Needle
Air Flow	200 l/min @ 100 psig
Flow Control Mount (Inlet/Outlet)	#10-32/#10-32 F. Side
Input PSI	150 psig max.
Material, Body	Nickel-Plated Brass, Plastic Resin, Stainless Steel Gripper Ring
Material, Seals	Nitrile
Medium	Air, Water or Oil
Meter Out / Meter In	Meter Out
Pressure to Open	Cracks at approximately 2 psig
Product Line Brochure	Mechanical Valves
Temperature Range	32 to 230°F
Weight (lbs.)	0.0300

These combination needle and check valve flow controls are typically used to control air flow from air cylinders, thereby controlling the speed at which the piston strokes, either while extending or retracting, depending on their location in the circuit.

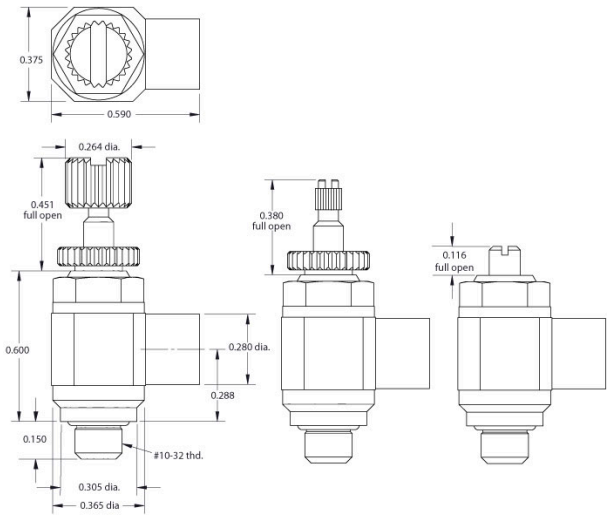
Flow control valves allow free flow from the inlet to the outlet past the needle and check valve. In reverse flow, from the outlet to the inlet, the check valve is sealed and the flow must now pass through the metered passage controlled by the tapered adjustment needle.



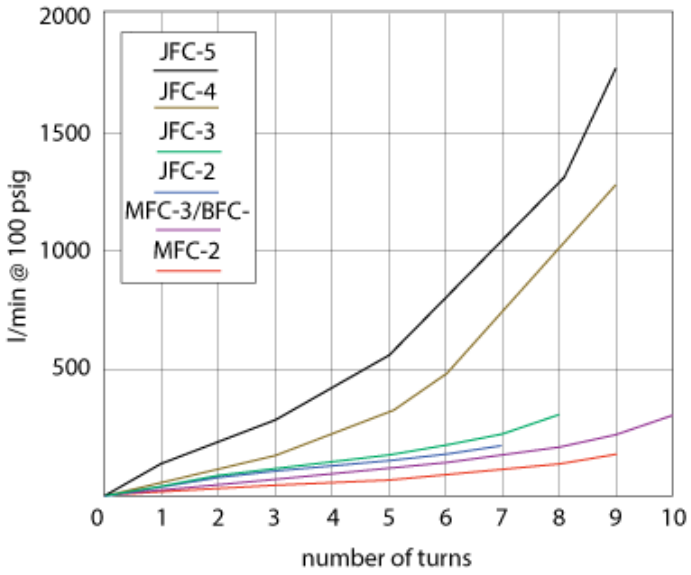
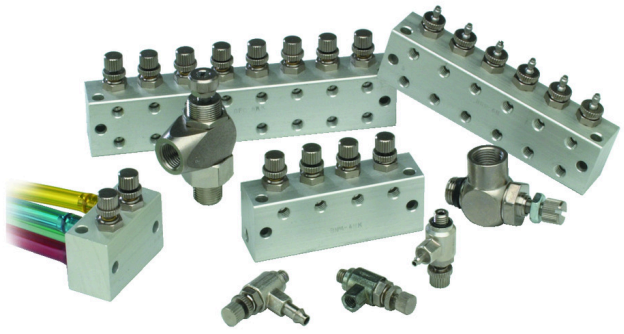


meter out (A)

meter in (B)



MFC-3AK
MFC-3BK
MNV-4K

MFC-3A
MFC-3B
MNV-4

MFC-3AR
MFC-3BR