

MTV 2-Position Toggle Valves

These #10-32 ported 2-way, 3-way, 4-way and 5 ported 4-way valves are manually actuated with a toggle. The toggles are electroless nickel plated steel and have a detent action. The MTV-5 has threaded exhaust and can be connected in a dual inlet pressure configuration.

Medium: Air, Water or Oil

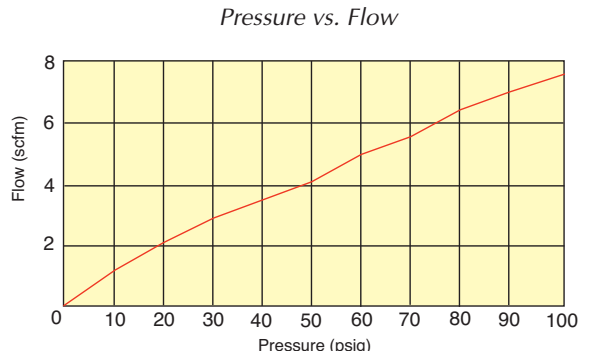
Input Pressure: 150 psig max.

Air Flow: MTV-2: 4.0 scfm @ 50 psig; 7.3 scfm @ 100 psig; MTV-3: 4.0 scfm @ 50 psig; 6.8 scfm @ 100 psig; MTV-4, MTV-5: 6 scfm @ 50 psig, 10 scfm @ 100 psig

Force to Rotate Toggle: MTV-2, MTV-4: 12 oz.; MTV-3, MTV-5: 16 oz. nominal.

Mounting: 15/32-32 thread. Nut and lockwashers furnished.

Materials: Brass body, Nitrile seals, stainless steel stem and spring



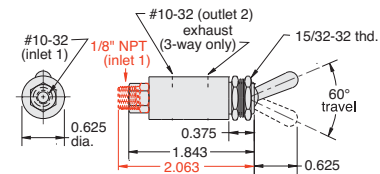
- 2-Way and 3-Way are poppet valves
- 4-Way and 5-Way are spool valves
- 5-Way valves a Fully-Ported or all ports are usable

Normally-Closed Poppet Valves



(MTV-3 shown)

Port(s)	Toggle	2-Way	3-Way
#10-32	ENP Steel	<u>MTV-2</u>	<u>MTV-3</u>
1/8" NPT	ENP Steel	<u>MTV-2P</u>	<u>MTV-3P</u>

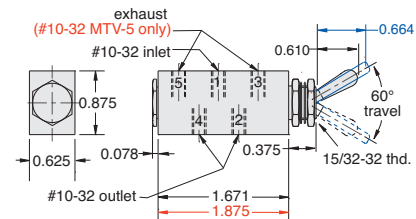


Normally-Open Spool Valves

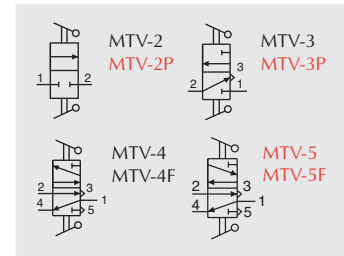


(MTV-4F shown)

Port(s)	Toggle	Exhaust	4-Way
#10-32	ENP Steel	To Atmosphere	<u>MTV-4</u>
#10-32	Plastic	To Atmosphere	<u>MTV-4F</u>
#10-32	ENP Steel	#10-32	<u>MTV-5</u>
#10-32	Plastic	#10-32	<u>MTV-5F</u>



For high temperature applications (up to +400°F), or those that require special seals for chemical compatibility, Clippard offers optional FKM seals.



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