

Features

3-Way and 4-Way Air Solenoid & Pilot Valves 1/4", 3/8" & 1/2" NPT Ports

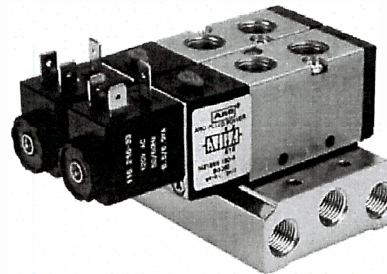
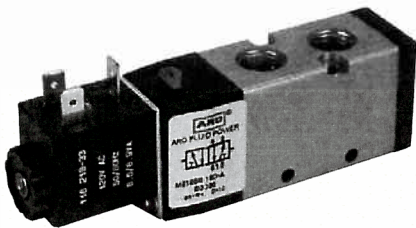
- Ideal for packaging, material handling and air motor applications
- Ideal for double acting pneumatic cylinders
- Compact size with excellent flow capacity
- Single and double solenoid or pilot models
- Three voltages available 120 VAC, 12 and 24 VDC
- Lightweight aluminum bodies and Buna-N seals are standard
- Manifold mounting available, blanking plates provided for future expansion
- Max/Air valves use Alpha style 22mm coil
- 1/4" = 26 mm Body Size
- 3/8" = 30 mm Body Size
- 1/2" = 34 mm Body Size

3-Position Spool Function Provides Wider Application Flexibility:

MaxAir offers 3-position spool configuration with all ports blocked in center.

Solenoid Coils and Connectors Provide Quick, Clean Connections:

Coils are Class F rated for 100% duty cycle applications at 122° F (50° C). AC or DC coils can be interchanged on the same solenoid stem. Each Solenoid connector acts as its own junction box, with molded connectors and gaskets to protect electrical connections. Design meets NEMA-4 specifications.



One - Touch Manual Override (Standard):

MaxAir contains a mechanical valve override that can be adjusted to a locking (push 'n twist) position or non-locking function.

Valves are Body-Threaded and can be Manifold - Mounted:

MaxAir is a body - threaded valve that can be directly plumbed or manifold - mounted. Where there's a need for multiple valves in tight spots, especially in machine design operations. Manifolds Available in 2, 4, 6, 8, 10, and 12 Station Configurations.

Ordering

M	-	2	1	2	-	SS*	-	120	-	A
Valve Type*		Body Style		Port Size		Actuator/Return		Coil Voltage		Coil Options
2=2 Position		1=4 Way Side Ported		2=1/4" NPT		SS=Single Solenoid/Spring		000=No Coil		N=No Coil
3=3 Position		5=3 Way Side Ported		3=3/8" NPT		SD=Double Solenoid		012=12 VDC		A=AC
All Ports Blocked				4=1/2" NPT		PS=Pilot / Spring*		024=24VDC		D=DC
Spring Centered (Sol. & Pilot Only)						PD=Pilot / Double*		120=120VAC		
* Model number ends here on pilot activated valves.										

Performance Specifications

C_v (Solenoid) (Pilot)	1/4 = .70, 3/8 = 1.65, 1/2 = 4.32	Temp. Range	15° to 122° F (-10° to 50° C)
SCFM	1/4" = 26, 3/8" = 61, 1/2" = 150	Minimum Shift Pres.	2 position single pilot, single solenoid, spring return - 45 PSI
Port Size NPT	1/4", 3/8", 1/2"		2 position double pilot - 45 PSI
Operating Medium	Non-Lubricated or Lubricated Air		2 position double solenoid - 20 PSI
Pres. Range (Solenoid)	45 - 115 PSI		3 position double solenoid, double pilot, spring centered - 45 PSI
Pres. Range (Pilot)	45 - 140 PSI		
Duty Cycle	100%		