

AIR PILOTED VALVES

200 THRU 800 SERIES- AIR PILOTED VALVES



1/8" thru 1/2" Ports



Air Piloted Valves 1/8" thru 1/2" ports

Specifications

- Media:** Air (No other gases or liquids)
- Operation:** Direct Air Pilot
- Operation Temp. Range:** 41 - 140°F (5 - 60°C)
- Maximum Pressure:** 135 psig (9.3 bar)
- Working Pressure:** 20 - 100 psig (1.4 - 6.9 bar)
- Flows:**

	Two Position	Three Position (spring centered)
AV-202 (1/8")	Cv=0.7	Cv=0.6
AV-204 (1/4")	Cv=0.8	Cv=0.6
AV-404 (1/4")	Cv=1.4	Cv=1.0
AV-406 (3/8")	Cv=1.6	Cv=1.0
AV-808 (1/2")	Cv=2.7	Cv=1.6
- Lubrication:** None Required
- Max. Response Time:** Pilot 30ms @80 psi/ Spring- 50ms
- Flows:**

Series 200	5 cycles/ second
Series 400	4 cycles/ second
Series 800	3 cycles/ second

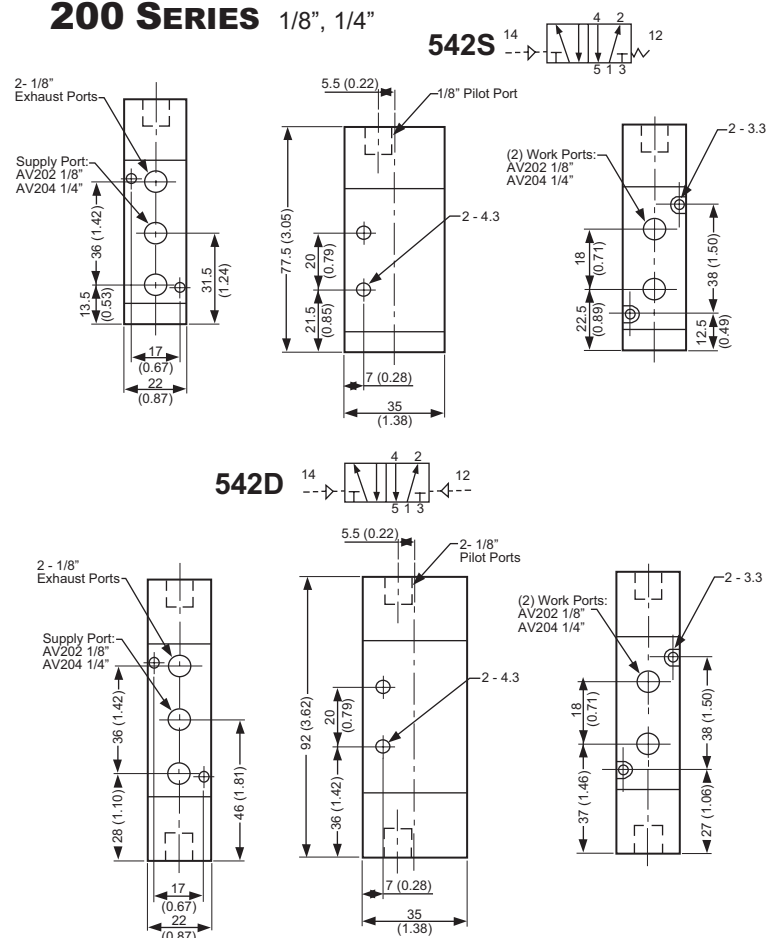
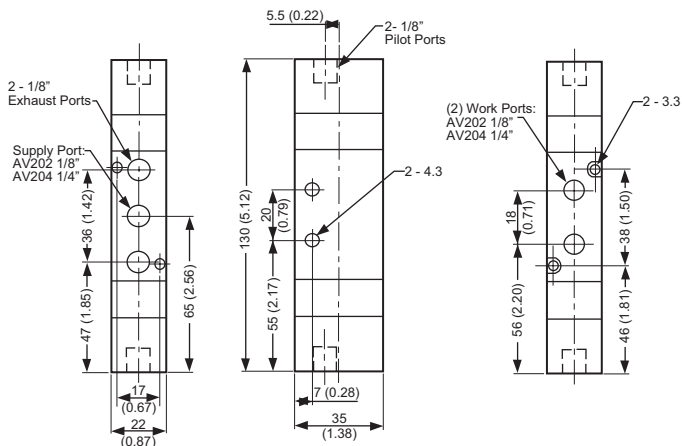
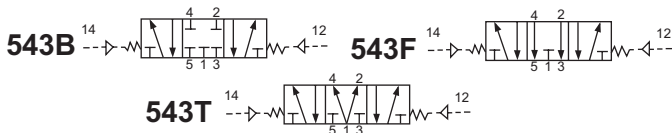
Features

- Available: 1/8", 1/4", 3/8" and 1/2" ports.
- All 4-way valves may be manifold mounted.
- U-cup type seals allow low shifting pressures and avoid sticking.
- Anodized aluminum spools.
- Same base valve also available as SV series, solenoid valve.
- Dual porting available in 200/ 400 series.

Dimensional Data

Units: mm/ (Inch)

200 SERIES 1/8", 1/4"



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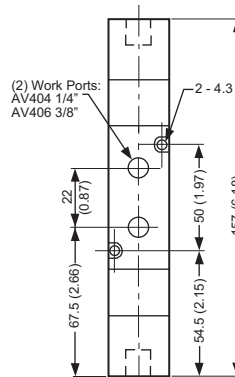
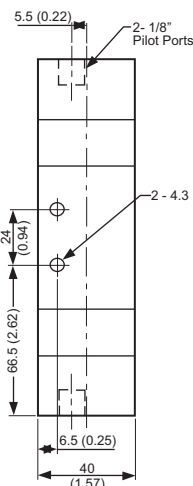
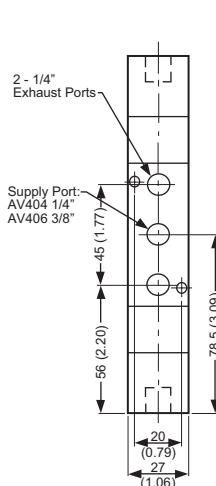
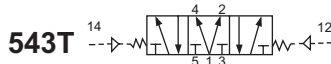
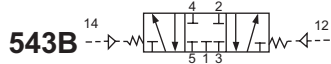
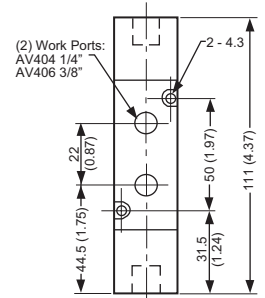
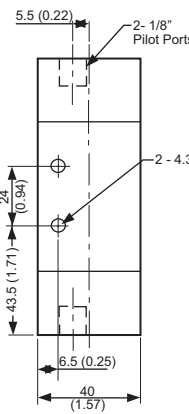
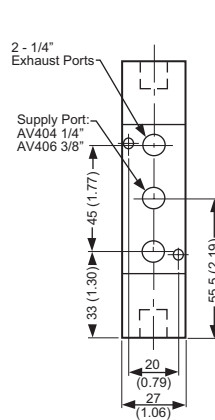
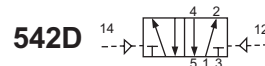
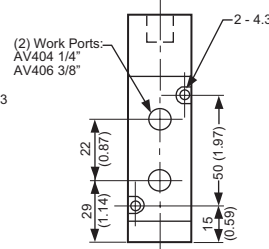
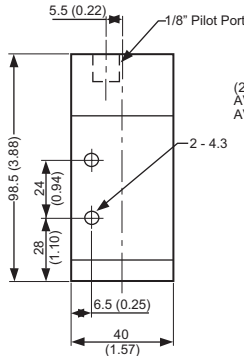
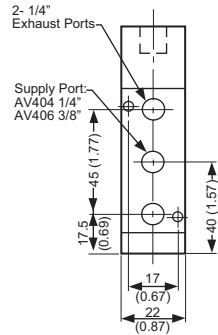
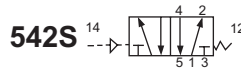


1/8" thru 1/2" Ports

Units: mm/ (Inch)

Dimensional Data

400 SERIES 1/4", 3/8"



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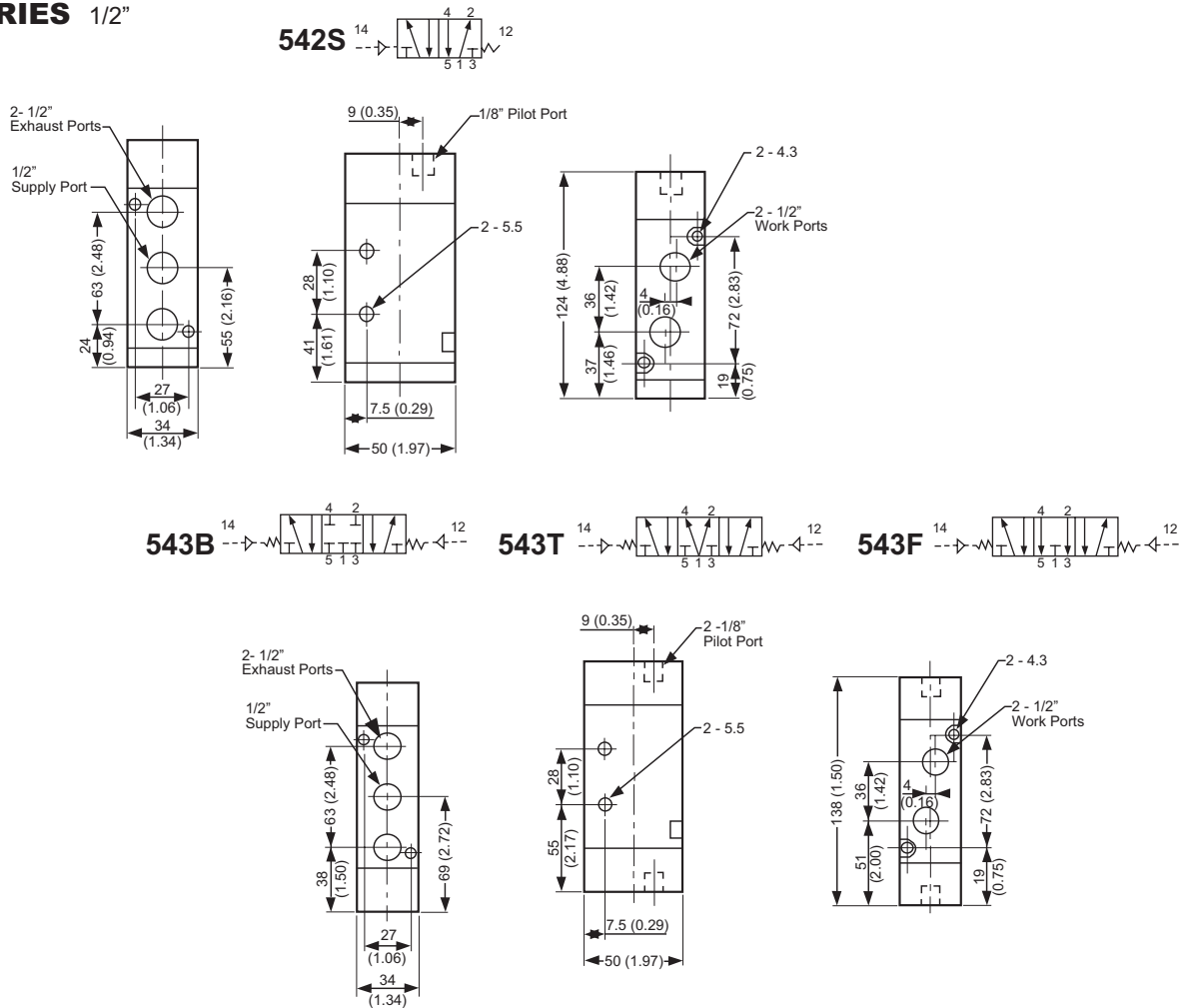


1/8" thru 1/2" Ports

Units: mm/ (Inch)

Dimensional Data

800 SERIES 1/2"



Ordering Information

AV - 404 - 542S

Code	Description	Size	Description	Code	Configurations
AV	Air Piloted Valve	202	1/8" Ports	542S	5 port, 4 way, 2 pos., spring return (single pilot)
		204	1/4" Ports (1/8" Exhaust)	542D	5 port, 4 way, 2 pos., detented double pilot
		404	1/4" Ports	543B	5 port, 4 way, 3 pos., spring centered-all ports blocked (double pilot)
		406	3/8" Ports (1/4" Exhaust)		
		808	1/2" Ports		

See dimensional information for other 543 spools available.

