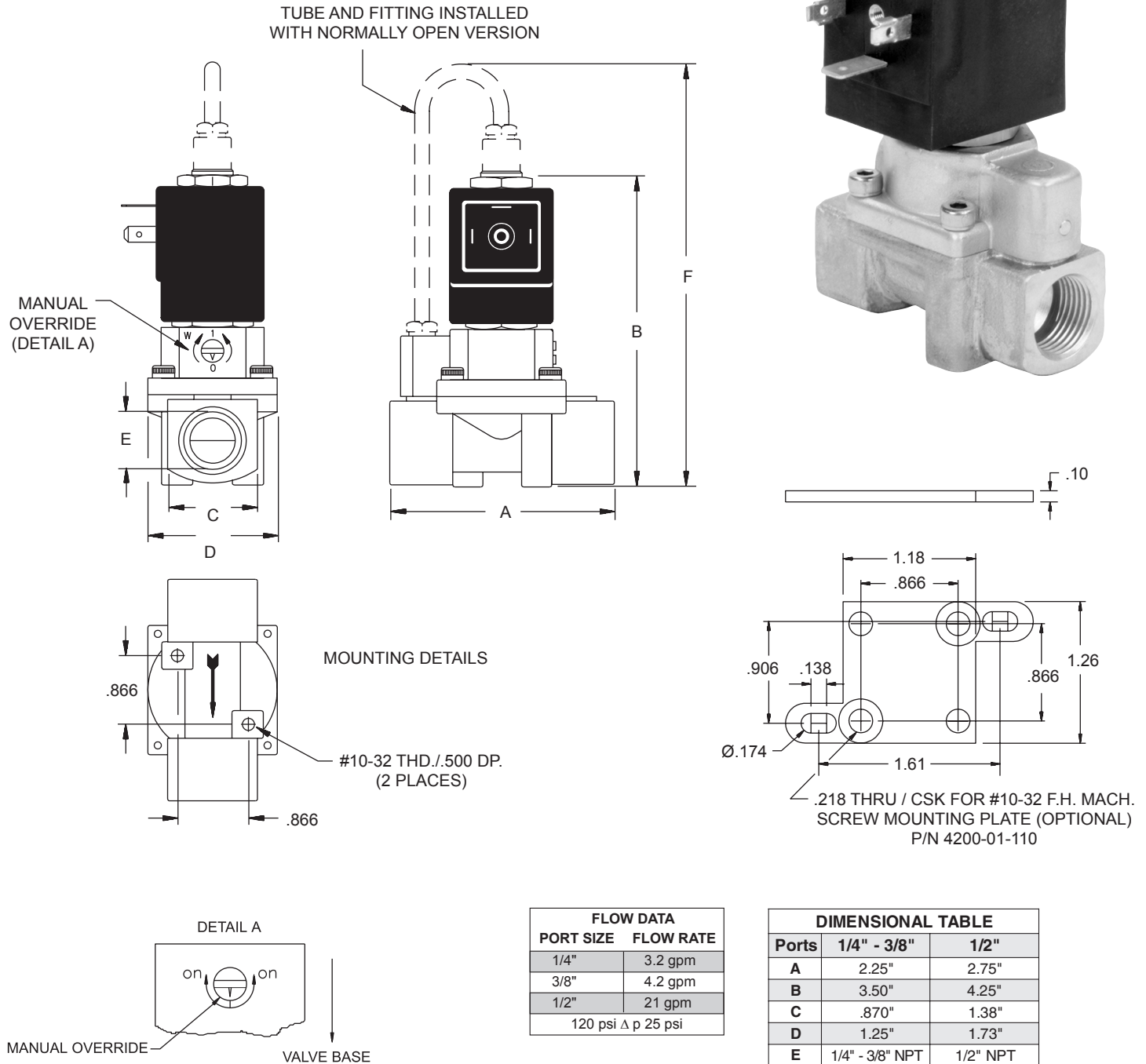




The Series 4500 solenoid valves are designed specifically for high flow, high pressure applications. With orifice sizes of 8mm to 12mm and port sizes of 1/4", 3/8" or 1/2" NPT, the valve is offered with a manual override standard. The coil is a quick connect DIN 43650 Form A design and is encapsulated for environment resistance. Typical applications include condensation removal, car washes, autoclaves or irrigation control.

Dimensional Data

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED





Series 4500

Air-Sol 2-Way Process
Solenoid Valves

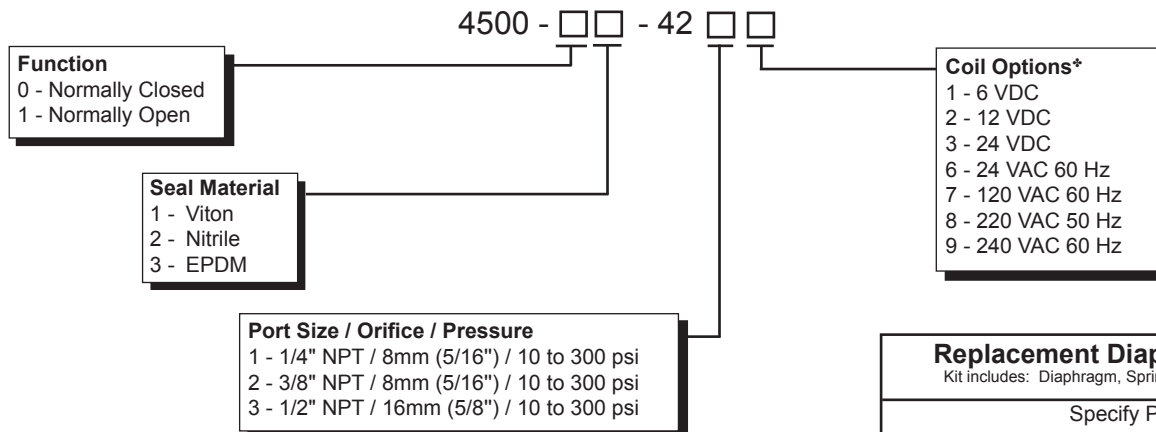
Technical Data

Function:	2-way, 2-position, normally open or normally closed, pilot diaphragm operated
Port Size:	1/4", 3/8" - 8mm orifice 1/2" - 16mm orifice
Pressure Range:	10 to 300 psi
Flow Factors:	8mm - 1/4" NPT .840 Cv (3.2 gpm) 8mm - 3/8" NPT 1.12 Cv (4.2 gpm) 16mm - 1/2" NPT 4.2 Cv (21 gpm)
Temp. Range:	(Fluid max. 90°C) Ambient -10°C to +50°C
Response Time:	20 to 80 ms complete cycle
Materials:	Operator: AISI 300 and 400 Series Stainless Steel Shading Ring: Copper standard (Silver available on request) Orifice: Brass Seals: Viton, Nitrile or EPDM Valve Body: Cast Bronze
Manual Override:	Standard
Media:	Air, oil, gas, water, emulsion
Mounting:	On pipe or 10-32 mounting holes on bottom
Coil Data:	Glass filled nylon encapsulation (Class F, continuous duty) 10 watt VDC, 8 watt VAC Volts: 6, 12, 24 VDC 24/60 Hz, 120/60 Hz, 220/50 Hz, 240/60 Hz VAC Voltage tolerance: +/- 10%



Consult factory for available versions
recognized under the Component
Program of Underwriters Laboratories, Inc.

How To Order



Order Example: 4500-01-4227
Series 4500, normally closed, Viton seal,
3/8" NPT, 8mm orifice, 120 VAC 60 Hz

*For more coil options see page 7.

Replacement Diaphragm Kits		
Kit includes: Diaphragm, Spring and Brass Insert		
Specify Part Number		
Viton	1/4" or 3/8" Ports	4500-01-0001
	1/2" Ports	4500-01-0003
Nitrile	1/4" or 3/8" Ports	4500-01-B001
	1/2" Ports	4500-01-B003
EPDM	1/4" or 3/8" Ports	4500-01-E001
	1/2" Ports	4500-01-E003