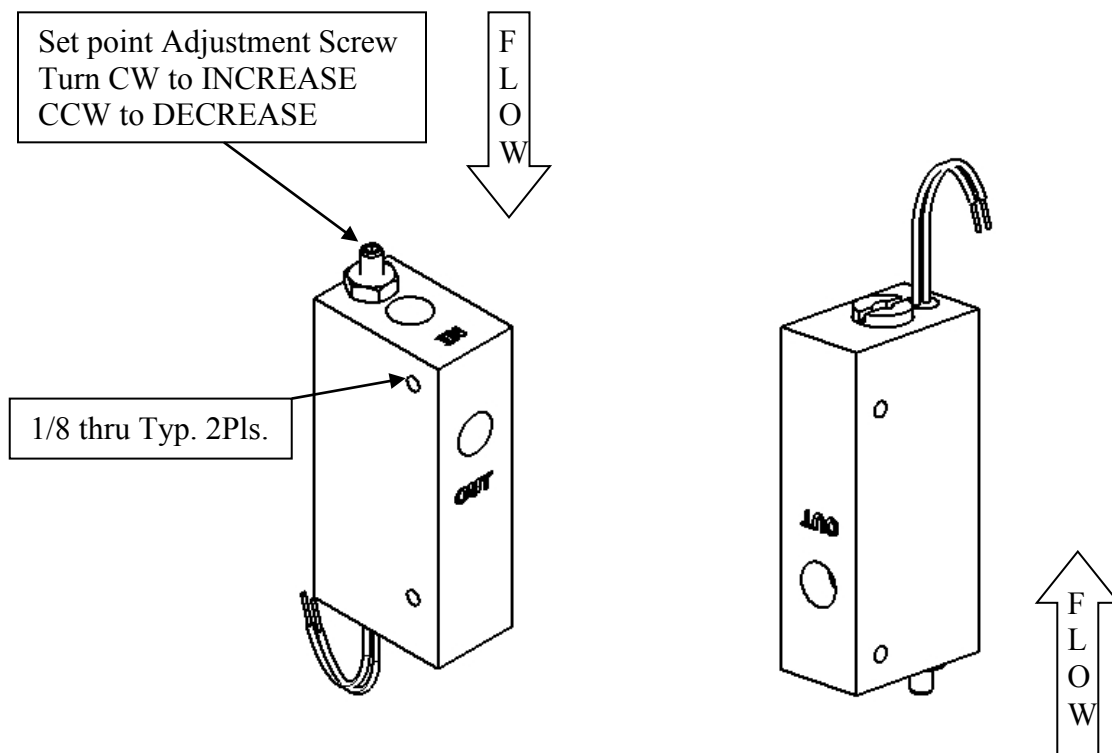




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## INSTALLATION AND MAINTENANCE 125 SERIES



### INSTALLATION

Install the unit within 7 degrees of vertical; Calibration with Inlet up: Inlet port down changes adjustable range. Do not over tighten fittings on the Teflon unit. We recommend the use of a 10 micron filter. Ferrous metals, magnets and electromagnets will affect the operation of the unit. Use contact protection for longer reed switch life.

### SET SWITCH ACTUATION POINT

Increasing flow actuation point: Set flow to rate desired; Loosen 8-32 locknut with ¼ wrench; use 5/64 Allen wrench to turn Adjustment Screw C.W. until contacts actuate (open). Then turn C.C.W until contacts de-actuates (close). Decreasing flow actuation: reverse previous procedure.

### MAINTENANCE

Unscrew the Clean-out Plug located opposite Inlet port. Remove the piston from the body. Clean piston and body. Replace piston in the same orientation as it was removed. A torque of 14 in-oz is recommended for Teflon models.

### SWITCH CONFIGURATION

Normally Open (N.O.) - Reed switch contacts are open with no flow and close on increasing flow

Single Pole Double Throw (SPDT); White- Common, Blue – Normally Open, Green – Normally Closed

This device is to be connected to an isolating source, such as a transformer, that has no direct connection to the primary circuit, other than through the grounding means, and can supply no more than 30VAC, 42VDC, 8A and 100VA.

SWITCH DATA	Single Pole Single Throw (SPST)	Single Pole Double Throw (SPDT)
Maximum Switching Voltage	250 VDC / 265 VAC	175 VDC / 120 VAC
Maximum Switching Current	1.5 A (DC) / 1.1 A (AC)	0.25 A (DC) / 0.18 A (AC)
Contact Rating	50 W (DC) / 50 VA (AC)	5 W (DC) / 5 VA (AC)

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*\*Users are solely accountable for product selection, regardless of any recommendations or suggestions provided by ChemTec Equipment Company, Inc. Users should base product selection on their own analysis and testing to determine functionality and material compatibility in relation to their application. To ensure safe and trouble-free performance, it is essential to adhere to proper installation, operation, and maintenance procedures.*