



**INSTALLATION**

Install the unit within 7 degrees of vertical; Inlet at the top. Do not over tighten fittings on the Teflon unit. Avoid Teflon tape, pipe dope or other foreign material from entering the 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 1/4 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.

**REED SWITCH REPLACEMENT**

Shut flow OFF  
 Remove retaining ring from body and pull out reed switch assembly  
 Replace Reed switch assembly and insert into body, install retaining ring  
 Cycle unit ON and OFF to test

**REPLACEMENT PARTS**

Seal Kits: PN; 00-011V-Viton, PN; 00-011T-Teflon Reed Switch Assembly; PN; A149SPST1AMP, PN; A149SPDT.3AMP

**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

| SWITCH DATA               | Single Pole Single Throw (SPST) | Single Pole Double Throw (SPDT) |
|---------------------------|---------------------------------|---------------------------------|
| Maximum Switching Voltage | 200 VDC / 150 VAC               | 175 VDC / 120 VAC               |
| Maximum Switching Current | 1.0 A (DC) / 0.7 A (AC)         | 0.25 A (DC) / 0.25 A (AC)       |
| Contact Rating            | 50 W (DC) / 70 VA (AC)          | 5 W (DC) / 5 VA (AC)            |