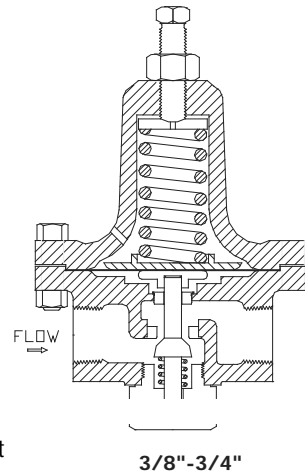


## PRESSURE REGULATOR O-Series

### **INSTALLATION INSTRUCTIONS:**

1. Before installing valve, blow out piping thoroughly to remove loose dirt and scale.
2. Install a strainer and a steam trap up stream.
3. Install regulator in horizontal pipe only.  
**WARNING:** Installation in vertical piping can cause erratic operation and premature wear.
4. Loosen lock nut and then loosen adjusting screw enough to release all compression on the Regulator Valve adjusting spring.
5. Turn on pressure slowly. Then turn down adjusting screw enough to open valve slightly. Operate in this manner for several minutes.
6. Turn down adjusting screw slowly at intervals until desired pressure is obtained. Tighten lock nut.

For more detailed installation instruction, see full service manual online at [watsonmcdaniel.com](http://watsonmcdaniel.com) or call the factory at 610-495-5131.



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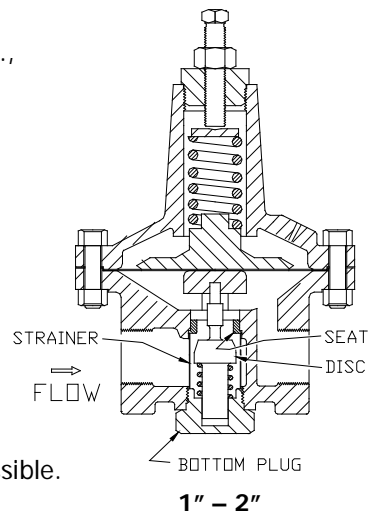
## PRESSURE REGULATOR O-Series

2220700 Rev A  
C.R.-3794 2/4/16

### **MAINTENANCE:**

Unsatisfactory regulation is usually due to dirt, pipe compound, etc., blocking the internal strainer or gumming the internal mechanism.

- To clean strainer, first make sure pressure has been relieved from system and regulator has cooled to room temperature.
  - Unscrew bottom plug and remove strainer screen.
  - Clean the lower part of the valve. This can be accomplished without removing the valve from the line or unbolting the cover.
- If cleaning the strainer does not correct operation,
  - Remove valve from line and disassemble parts.
  - After cleaning parts, the disc and seat should be lapped together using fine lapping compound. Avoid excessive lapping as this could damage the sealing surface and would makes tight seating impossible.
- Reassemble valve.



1" - 2"