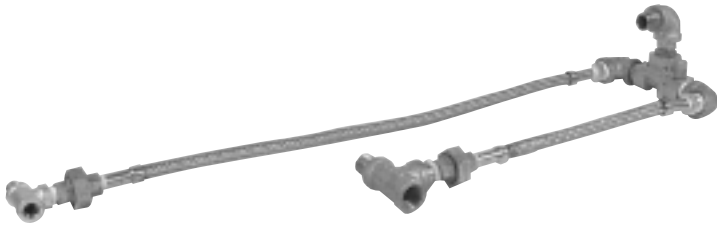


Series 75B

**Supplemental Alarm Device for
Series 756 FireLock™ Dry Valves and
Series 758 FireLock Preaction Valves
(Equipped with Mechanical Alarms)**



IMPORTANT INSTALLATION INFORMATION

⚠ WARNING



- Read and understand all instructions before attempting to install any Victaulic piping products.

- Depressurize and drain the piping system before attempting to install, remove, or adjust any Victaulic piping products.

- Wear hardhat, safety glasses, and foot protection.

Failure to follow these instructions could result in serious personal injury, property damage, and/or product damage.



⚠ WARNING

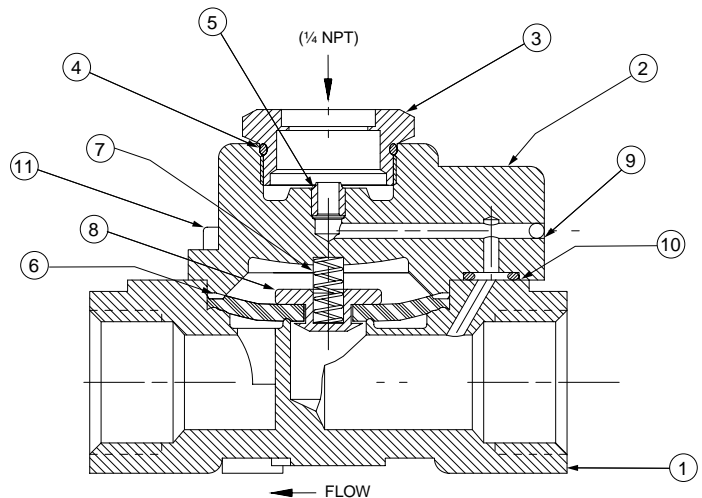


- Any activities that require taking the valve out of service may eliminate the fire protection provided.
- Before removing the valve from service, notify the authority having jurisdiction
- Consideration of a fire patrol should be given in the affected areas.

Failure to follow these instructions could result in serious personal injury and/or property damage.

SECTION VIEW DRAWING AND DESCRIPTION SERIES 75B SUPPLEMENTAL ALARM DEVICE

Item	Qty.	Description
1	1	Supplemental Alarm Device Body
2	1	Supplemental Alarm Device Mid-Cover
3	1	Operator Assembly
4	1	Operator Assembly O-Ring
5	1	Orifice
6	1	Diaphragm
7	1	Diaphragm Spring
8	1	Diaphragm Seat
9	1	Ball Seal
10	1	Housing O-Ring
11	4	Allen Bolt



The Series 75B Supplemental Alarm Device is designed for use with Series 756 Dry Valves and Series 758 Preaction Valves (equipped with mechanical alarms) to provide a continuous alarm.

In the normal set condition, the upper chamber pressure of the Series 75B creates a greater force than the lower chamber pressure; therefore, no water will flow through the Series 75B. When the control valve actuates, pressure in the control valve's piston will fall below 5 psi (34 kPa) and will cause the Series 75B to open. Water will then flow to the water motor alarm continuously until the supply water is stopped.

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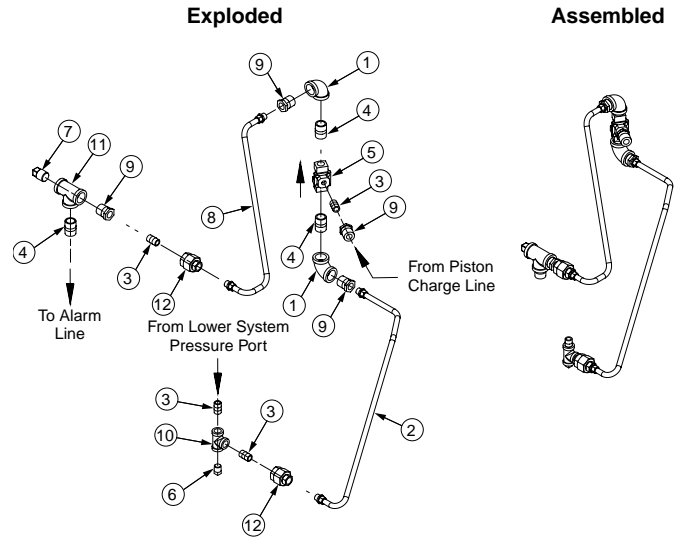
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SERIES 75B SUPPLEMENTAL ALARM DEVICE ASSEMBLY DRAWING

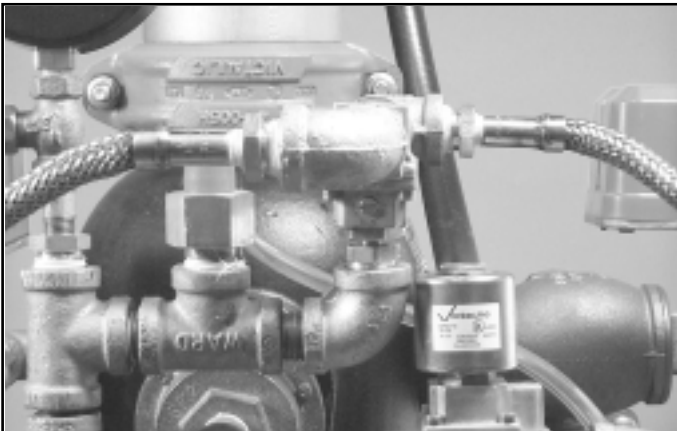
Item	Qty.	Description
1	2	Elbow (1/2" NPT Female, 90°)
2	1	Hose Assembly (2-foot length)
3	4	Close Nipple (1/4" NPT X .88)
4	3	Close Nipple (1/2" NPT X 1.13)
5	1	Series 75B Supplemental Alarm Device
6	1	Pipe Plug (1/4" NPT)
7	1	Pipe Plug (1/2" NPT)
8	1	Hose Assembly (1-foot length)
9	4	Reducing Bushing (1/2" NPT X 1/4" NPT)
10	1	Tee (1/4" NPT Female)
11	1	Tee (1/2" NPT Female)
12	2	Union (1/2" NPT)



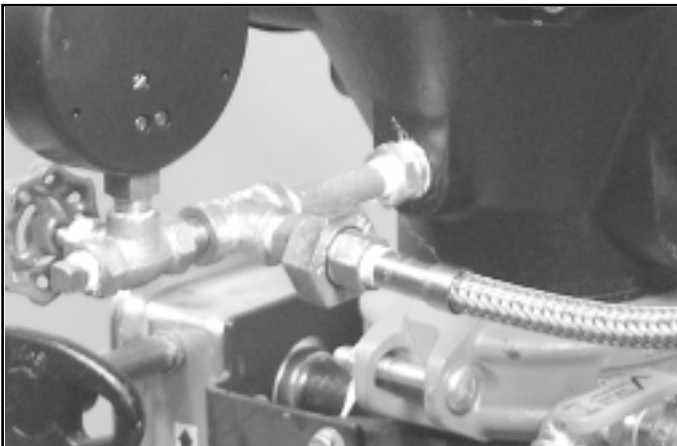
INSTALLATION

Apply a small amount of Teflon* tape to all external threads. Be careful not to get any foreign material into the fittings.

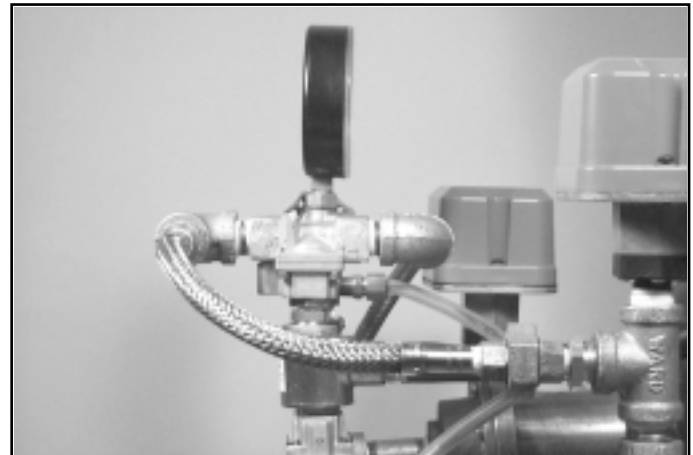
For proper installation, refer to the trim drawing to install the Series 75B.



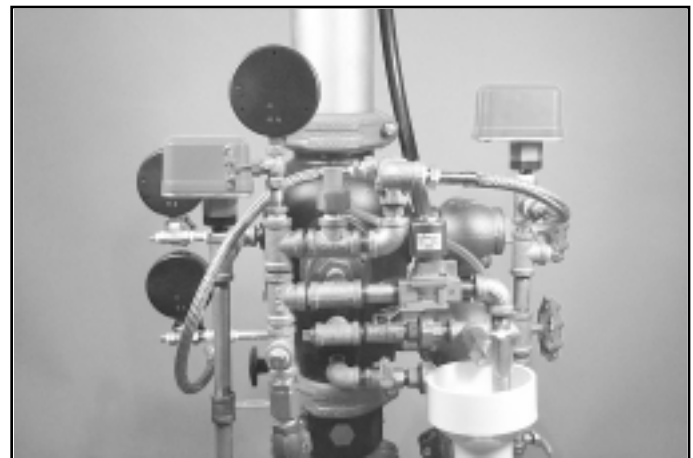
- The upper chamber of the Series 75B connects to the piston charge line downstream of the piston charge-line restrictor.



- The inlet of the Series 75B connects to the system water supply pressure gauge.



- The outlet of the Series 75B connects to the alarm line.



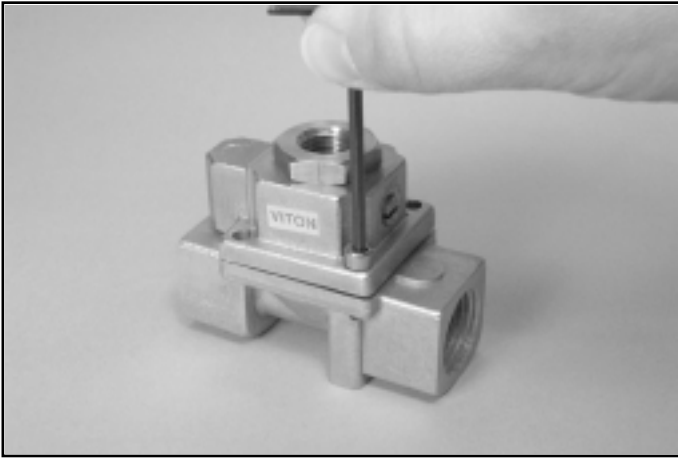
The Series 75B does not require setup steps in addition to the instructions included in the applicable installation, maintenance, and testing manual for the control valve.

*Teflon is a registered trademark of I. E. Dupont de Nemours

CLEANING THE DIAPHRAGM SEAT

If a small trickle of water flows from the Series 75B, there may be debris on the diaphragm seat.

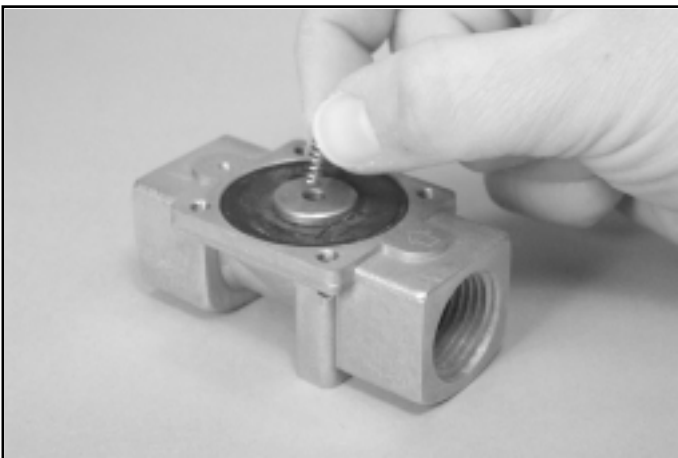
1. Depressurize and drain the system. Remove the Series 75B from the trim.



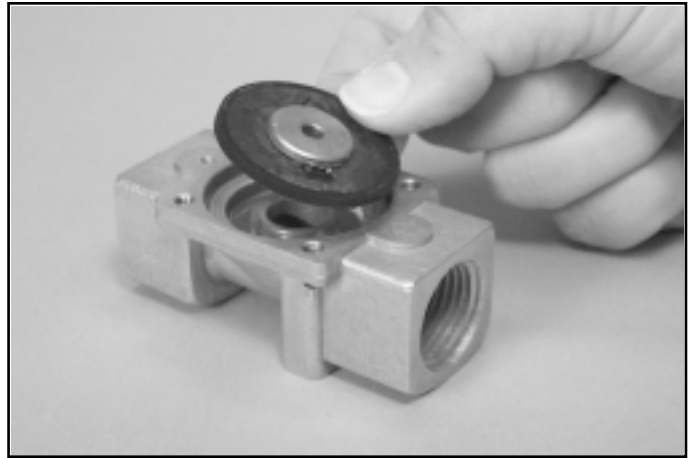
2. Remove the four allen bolts from the Series 75B body/mid cover.



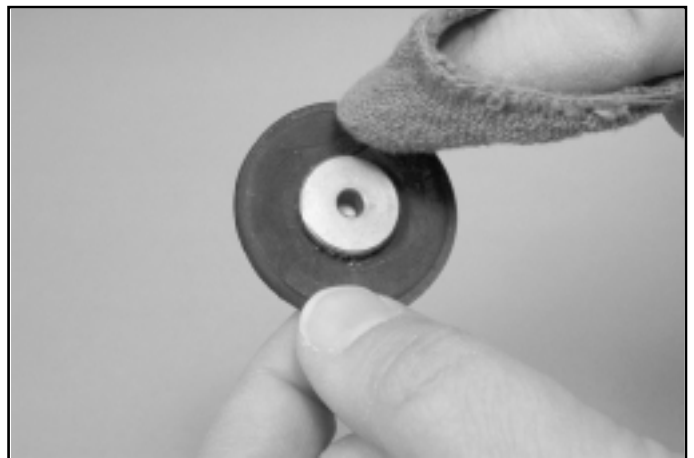
3. Remove the mid cover from the body.



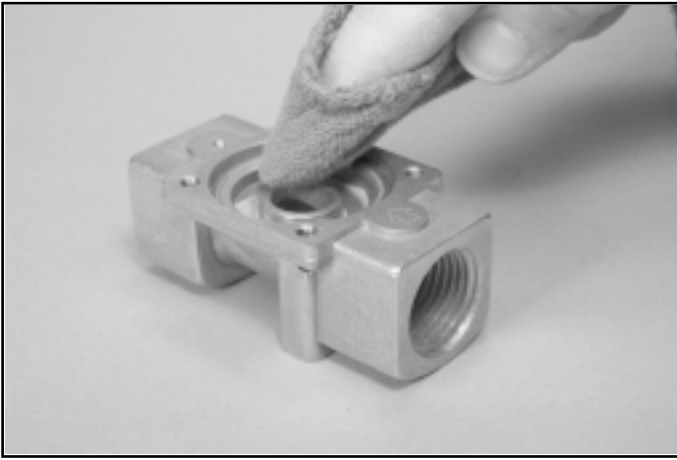
4. Remove the diaphragm spring. Be careful not to lose this spring, since it will be needed for re-assembly.



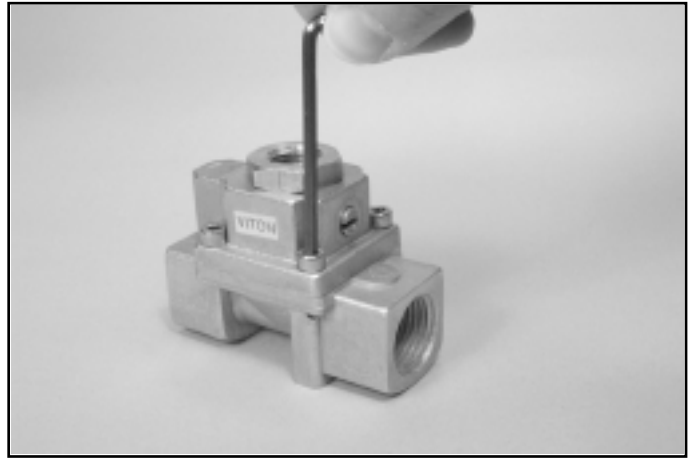
5. Remove the diaphragm assembly from the Series 75B.



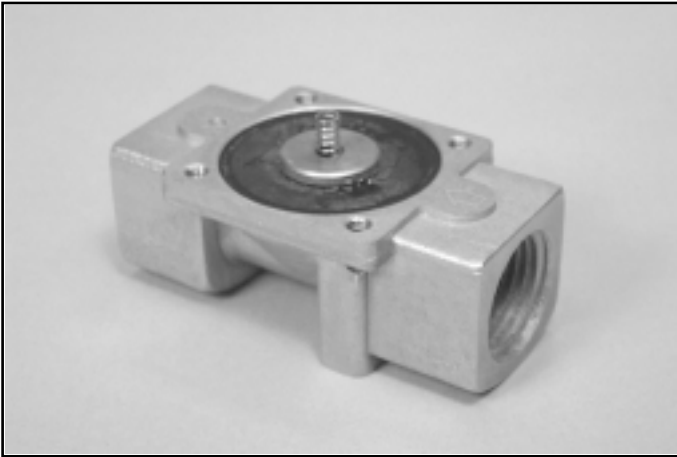
6. Using a clean rag, remove any debris from both sides of the diaphragm assembly. DO NOT use any lubricants or cleaning solutions on the diaphragm.



7. Using a clean rag, remove any debris from the diaphragm seat. DO NOT use any lubricants or cleaning solutions on the diaphragm seat.



9. Re-install the mid cover onto the body, and insert the four allen bolts. Tighten the four allen bolts evenly until metal-to-metal contact occurs between the mid cover and the body.



8. Re-install the diaphragm assembly and the diaphragm spring, as shown above.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Water flows to the water motor constantly.	The Series 75B is installed backward.	Make sure the system is depressurized and drained. Remove the Series 75B from the trim and re-install in the correct orientation, per the trim drawing.
A small trickle of water flows from the Series 75B.	Debris is on the diaphragm seat.	Clean debris off the diaphragm seat by following the instructions, starting on page 3.
When the valve is tripped, no water flows through the Series 75B.	The upper chamber of the Series 75B is not downstream of the piston charge-line restrictor.	Make sure the system is depressurized and drained. Remove the Series 75B from the trim and re-install in the correct orientation, per the trim drawing.