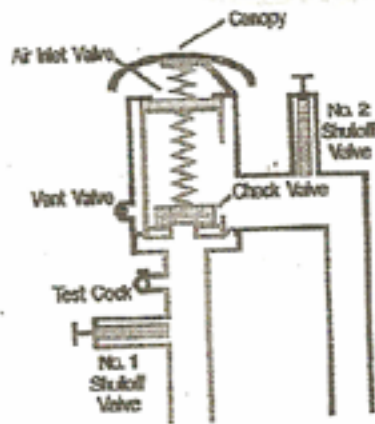


## SVB TEST PROCEDURES



Protect against backsiphonage only  
Protects against pollutant & contaminants  
Elevation must be at least 12" above highest point of use.  
Has an internally loaded check valve, a loaded air inlet valve on the discharge side of the check valve two shutoff valves, Test cock & vent valve

**NOTIFY \* IDENTIFY \* INSPECT \* OBSERVE**

### TEST NO. 1: AIR INLET

1. Remove the air inlet canopy. Flush Test Cocks and Vent Valve (loosen vent screw).
2. Attach bleed off valve to Test Cock.
3. Attach hose from the high side of the gauge to Test Cock.
4. Open Test Cock.
5. Open the High Side needle valve, bleed the hose, fill top of air inlet with water, close the High Side needle valve
6. Close #2 Shutoff Valve. Bring the gauge to the same level as the air inlet valve. Close #1 Shutoff Valve.
7. Open vent valve ( remove vent screw ) watch carefully for the air inlet to open. Record the differential pressure reading on the gauge only if air inlet opens.
8. Slowly open the High Side needle valve no more than  $\frac{1}{4}$  turn, Watch carefully for the air inlet to float open. Record the differential reading on the gauge when it opens (must be 1 PSID or higher). Put the gauge down.
9. Open the High Side needle valve to drain water from body. Make sure the air inlet has opened to its fully open position.
10. Install vent screw and close High Side needle valve.
11. Open #1 Shutoff Valve to repressurize the system.

### TEST NO. 2: CHECK VALVE CLOSING POINT

1. Bring the gauge to the same level as the vent valve (vent screw). Close the #1 Shutoff Valve.
2. Open Vent Valve (remove vent screw). When the flow of water of the vent valve stops, and the differential pressure reading indicated on the gauge settles, record the differential pressure reading (must be 1 PSI or more).
3. Close the Test Cock, instal vent screw and remove test equipment.
4. Open # 1 Shutoff Valve, then #2 Shutoff Valve slowly to restore service.
5. Replace air inlet valve canopy.

**CHECK PAPERWORK CAREFULLY BEFORE TURNING IT IN**