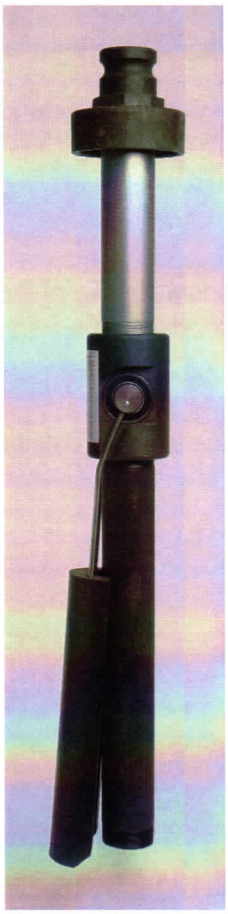
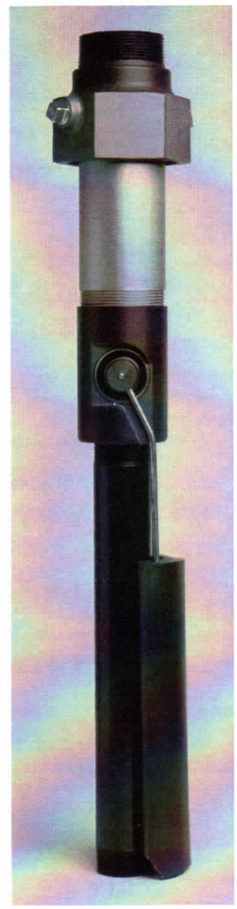
AST Overfill Prevention Valve



2" x 4"
1228-03-2024AII

1228 Series



3" x 4"
1228-03-3524AII

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10/08

Overfill Prevention Valve Installation Instructions

WARNING

THIS VALVE IS USED AS A SUPPLAMENTARY WARNING TO THE OPERATOR OF THE TANK DURING FILLING. THE VALVE SHOULD NOT BE SOLELY RELIED ON FOR OVERFILL SITUATIONS. THE OPERATOR IS RESPONSIBLE FOR ANY OVERFLOW THAT MAY OCCUR AND NEEDS TO BE AWARE OF THE CONDITIONS OF THE TANK AT ALL TIMES.

WARNING

THE VALVE NEEDS UNCONTAMINATED LIQUID FOR THIS PRODUCT OF OPERATE SUCUSSFULLY. FAILURE TO MEET THIS STANDARD MAY CAUSE DAMAGE TO THE VALVE.

WARNING

MODIFICATIONS TO THE INSTRUCTIONS LISTED BELOW WILL VOID THE WARRANTY AND POSSIBLY CAUSE AN UNSTABLE SITUATION DURING OPERATION.

1. Remove packing while holding the float stable.
2. Check to make sure no damage was done during shipping. Inspect the functionality of the float and valve by lifting up to float, making sure it doesn't bind, and checking that the valve opens.
3. Establish the correct Shut Off Height for the tank. Figure 1 A
4. Establish the correct Riser Pipe Height for the tank. If there is a Spill Containment Box look at Figure 1 B for Riser Pipe Height instructions.
5. Determine the Fill Pipe Length using the Formula below.

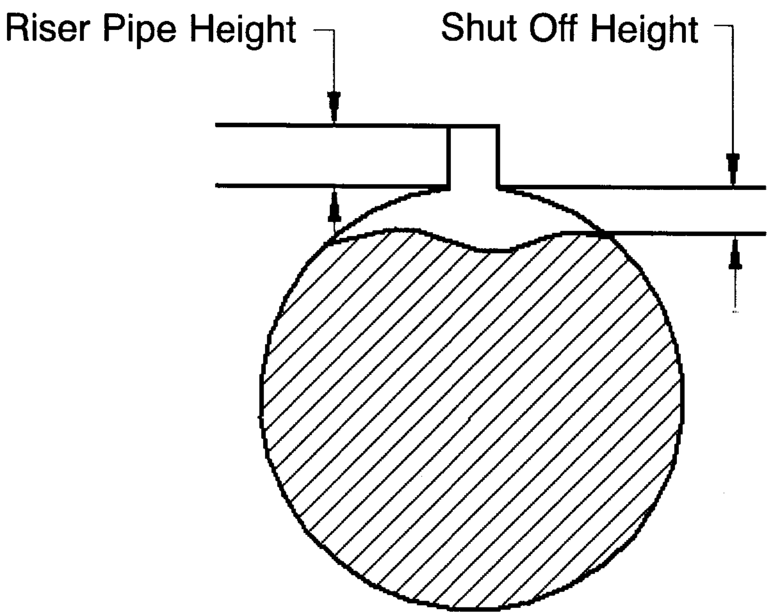
   Fill Pipe Length = Shut Off Height + Riser Pipe Height

   Fill Pipe Length = _______ + _________ = ______

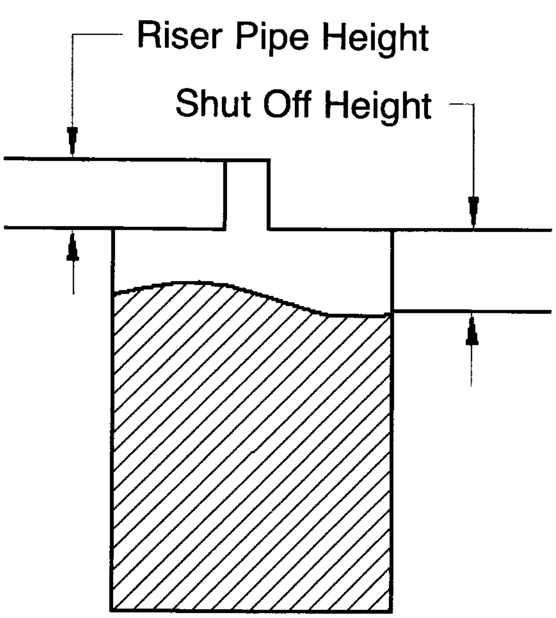
6. Cut the Fill Pipe to the determined length above and soften edges that might compromise the installation.
7. After cutting the Fill Pipe, thread the cut end.
8. Cut the Drop tube to proper length by subtracting 8 inches from the shut off height and cutting at a 45-degree angle. This should give a 6-inch gap between the bottom of the tank to the drop tube.
9. Attach Drop Tube and anodized end of the cut Fill Pipe into the Valve as shown. Attach Collar to other end of the Fill Pipe. Apply thread sealant to secure connections. Figure 2 A
   WARNING: Do not use excessive thread sealant. This may result in valve malfunction.
   WARNING: Do not use any wrenches on any part of the valve body. This will void the warranty.
10. Scribe on the collar the direction of the float, and align the arrow on the collar towards the centerline of the tank and away from walls or other obstructions.
    WARNING: If float is not aligned in a direction where it will have free movement from open to close, this device will fail to operate, over filling the tank may result.
11. Make sure the Overfill Valve is secure before filling.
12. Place warning decal, (included with valve), on the tank where it is readily visible.
13. Record serial number located the body and call for any further questions.

Diagrams:

Figure 1 A



Round Horiz. Tank Height	90% Shut off Height	95% Shut off Height
36"	30.4"	32.5"
48"	40.5"	43.4"
60"	50.6"	54.2"
72"	60.8"	65.1"
96"	81.1"	86.6"



Rect. Tank Height	90% Shut off Height	95% Shut off Height
36"	32.4"	---
48"	43.2"	45.6"
60"	54"	57"
72"	64.8"	68.4"
96"	86.4"	91.2"

Figure 1 B

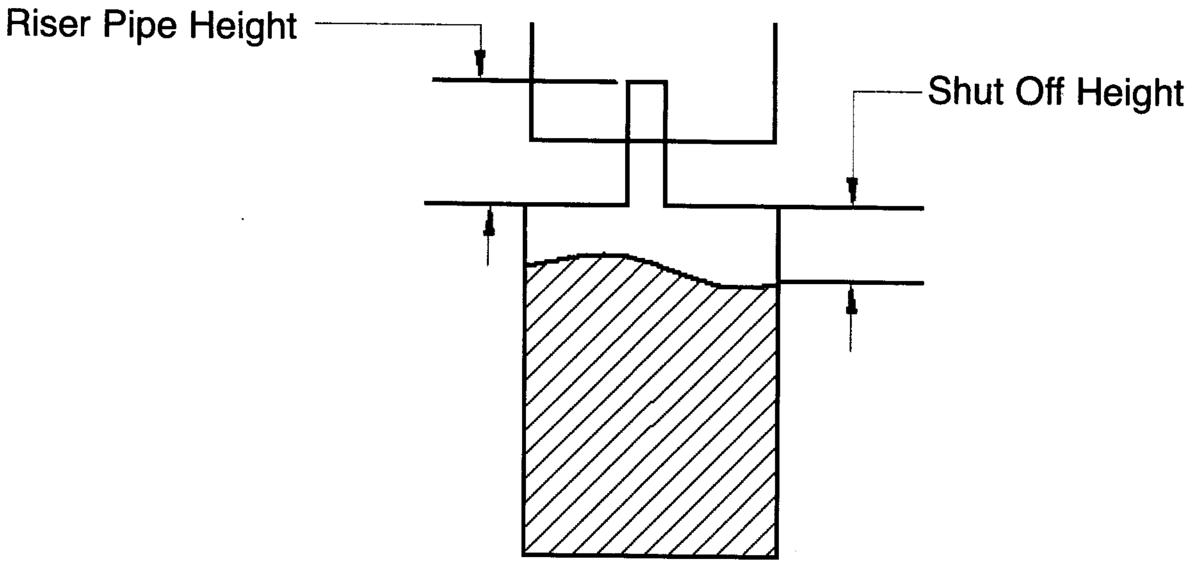


Figure 2