A0081-1100
A1100 Testable Tool

Testable Overfill Prevention Valve
Tool Instructions & Functional Test Procedure

The opv inspection should be done at a minimum every 3 years or more frequently if required by local regulations.

The A1100-T Overfill Prevention Valve (OPV) is testable without removal from the tank.

Parts needed:
A1100-T OPV Testable Version
A0081-1100 Testable Tool
Camera or smartphone camera w/flash
Tape Measure
Tank guide chart for your tank

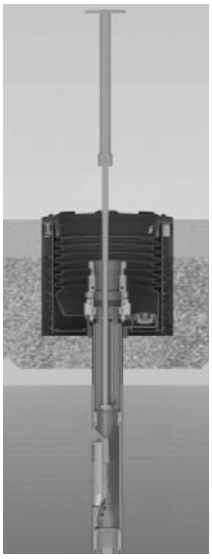
A0081-1100
Collapsed

A0081-1100
Partially
Extended

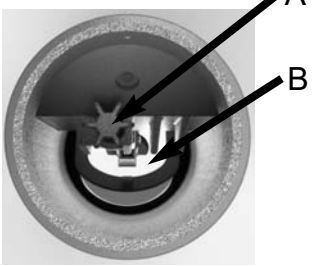
A0081-1100
Fully Extended

Step 1: Pull out the internal aluminum foot and extension, if needed, to reach the A1100-T OPV.

Step 2: Screw aluminum foot and extension, if needed, in extended position.



Step 3: Remove lid and adapter cap. Insert the A0081-1100 Tool in drop tube.



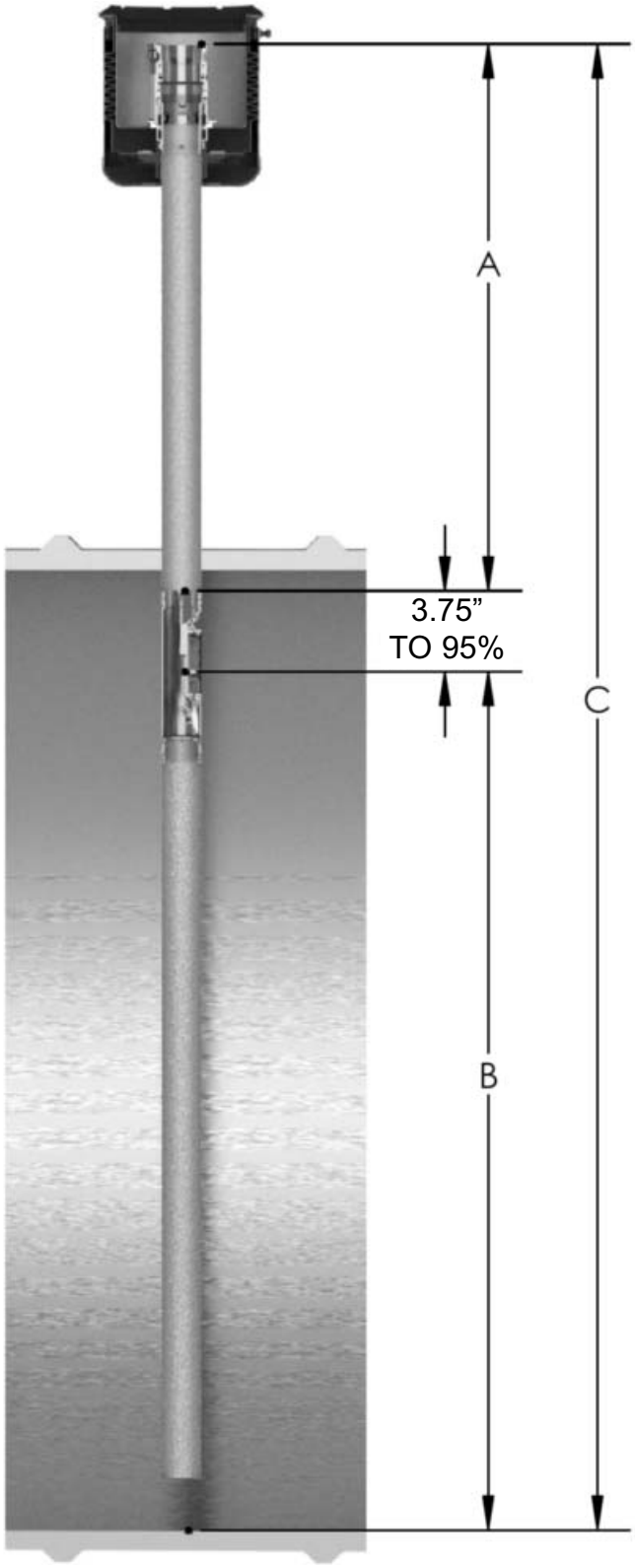
Step 4: Place bottom of tool on the knob (arrow A above), and press down. This will push the reflective plate in the open drop tube (arrow B).

Step 5: With tool pressed down, take a picture (w/flash) to show the reflective plate.

Step 6: Inspect picture taken for highlighted surface. If highlights are seen in image, the valve passed.

Step 7: When finished, simply remove the A0081-1100 tool, the spring-loaded knob and flapper mechanism will return to their original latched state.

A1100-T Testable Overfill Prevention Valve



Measuring the OPV to 95% of the Tank

- Remove the 4" cap.
- Find measurement A from the top of the adapter to the knob shown on the previous page.
- Find measurement C from the top of the adapter to the inside bottom of the tank.
- Measurement B is the distance from the bottom of the tank to the closing flapper on the valve. This distance should correspond to the 95% fill dimension of the tank.
- Calculate measurement B: B = C - A - 3.75”. Example: If A = 48", C = 161", B is 109.25" Comparing this number to the 95% fill dimension on the tank chart (in this case a 10 ft tank) supplied by the manufactuer, the proper flapper position can be verified.
- To verify the tank’s 95% shut-off point, please refer to the tank guide charts included with the tank.

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