

Float Vent Valves

OPW-FCS's float vent valves are installed in the vapor line extractor fitting of an underground storage tank. These valves permit the vapor in the tank to be displaced as well as slow the rate of flow once the fluid in the tank has reached a predetermined level.

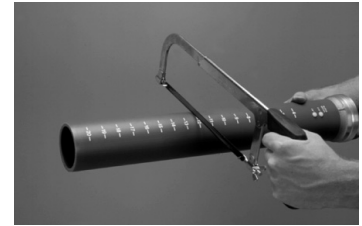
Federal E.P.A. standards require restriction of delivery flow when the UST is no more than 90% full. Alternatively, the standards also permit restriction of flow to occur 30 minutes prior to overfilling. Follow the appropriate installation steps below to determine the proper length of the float vent valve.

To begin restricting flow at 90% capacity:

Step 1: Determine the length of the float vent valve using the float vent valve sizing chart below. Locate the appropriate tank configuration on the chart and reference the proper length of the float vent valve.



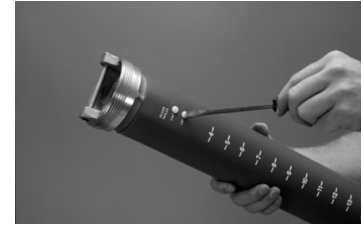
Step 2: Cut the white section of pipe to the proper length using a hand saw. The cut should be flat and even.



Step 3: With float nested inside end cap, firmly knock end cap onto the end of the pipe. Install 3 supplied rivets into pre-drilled holes at end cap. Tighten until firmly seated.



Step 4: Depending upon the desired amount of flow restriction, remove one of the vent screws.



Float Vent Valve Sizing Chart (90% Compliance)

Tank Diameter	48"	64"	72"	96"	120"	144"	Tank Diameter	48"	64"	72"	96"	120"	144"
Single wall Fiberglass Cut Line	8	N/A	12	16	18	21	Double wall Fiberglass Cut Line	8	N/A	12	16	18	21
Single wall Steel Cut Line	N/A	8	12	16	18	21	Double wall Steel Cut Line	N/A	8	12	16	18	21

NOTE: For tanks with extended manways, add the height of the manway to the figures above.

To begin restricting flow 30 minutes prior to overfilling:

Follow the steps as outlined above, except the length of the float vent valve must be determined using the UST's tank chart in lieu of the Float Vent Valve Sizing Chart shown above. From the UST tank chart, determine the length which corresponds to 310 gallons. Use this figure for the cut length of the green pipe. For extended manway applications, be sure to add the height of the manway to this figure.

IMPORTANT INFORMATION - FOLLOW ALL INSTRUCTIONS

Please contact your OPW-FCS sales representative or OPW-FCS customer service representative at 1-800-422-2525 for OPW-FCS product installation procedures. All OPW-FCS literature including installation instruction sheets and manuals can be accessed from the OPW-FCS website at: www.opwfcs.com.

The use of non-qualified personnel or any deviations from these recommended procedures could result in damage or leakage of the system.

OPW Fueling Containment Systems • 3250 US 70 Business West • Smithfield, NC 27577
Customer Service: 1-800-422-2525 • Customer Service Fax: 1-800-421-3297 • www.opwfcs.com



Notice: OPW-FCS products must be used in compliance with applicable federal, state, provincial and local laws and regulations. Product selection should be based on physical specifications and limitations and compatibility with the environment and material to be handled. OPW-FCS makes no warranty of fitness for a particular use. All illustrations and specifications in this literature are based on the latest production information available at the time of publication. Prices, materials and specifications are subject to change at any time, and models may be discontinued at any time, in either case, without notice or obligation. For complete OPW-FCS warranty information, visit our web site at www.opwfcs.com.