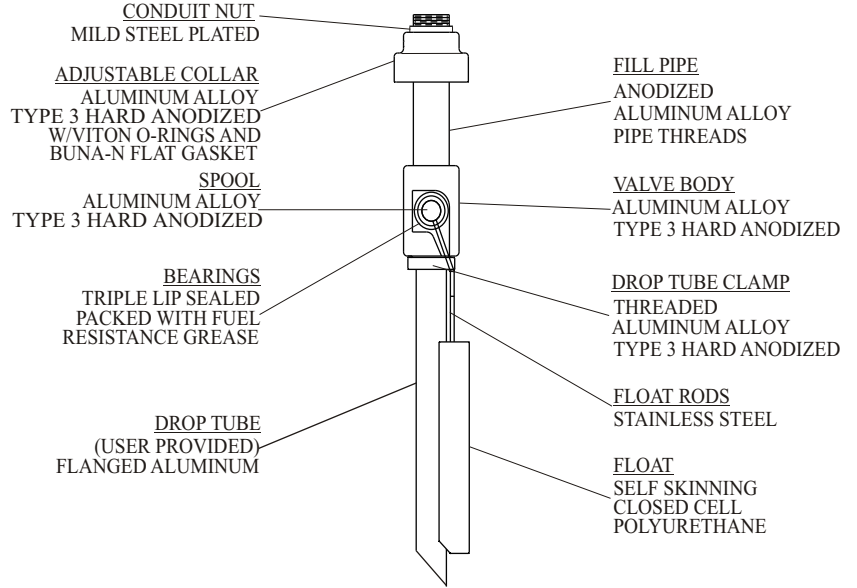
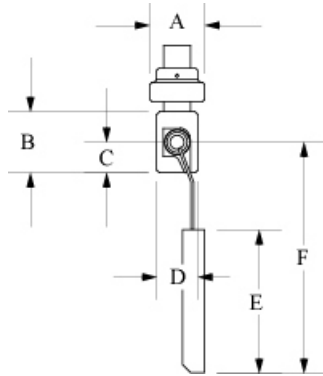


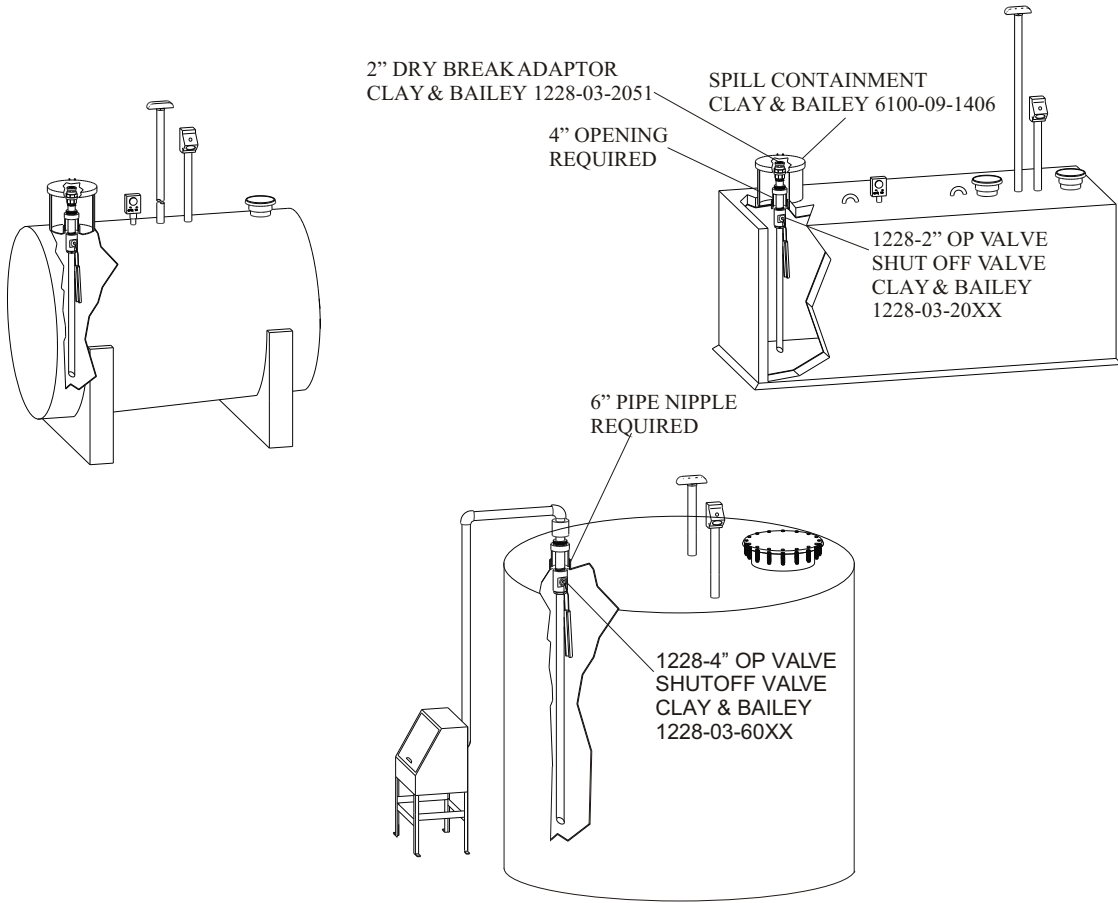


# #1228 2" - 3" - 4" Overfill Prevention Valve



	A	B	C	D	E	F
1228-2" OP Valve	5.00"	5.50"	2.75"	3.67"	12.75"	21"
1228-4" OP Valve	7.43"	8.39"	3.75"	5.75"	12.75"	22.85"

1228-3" OP VALVE dimensions are approximately the same as the 1228-2" OP VALVE



## Installation:

1. Remove packing while holding the float stable.

**CAUTION!**

**CARE SHOULD BE TAKEN  
WHEN PERFORMING STEP 1 TO PREVENT  
DAMAGE TO THE FLOAT**

**CAUTION!**

**DO NOT LIFT OR CARRY UNIT BY THE FLOAT**

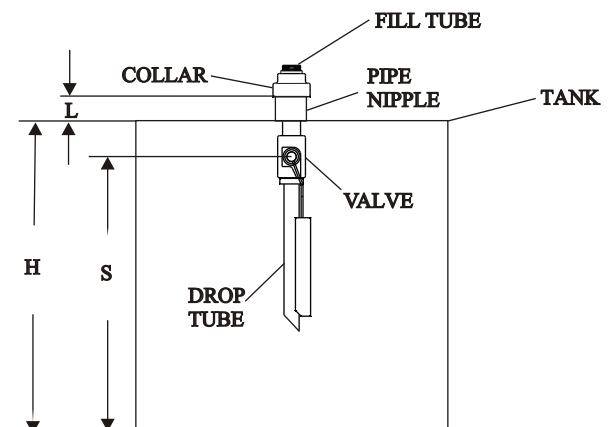
2. Loosen and remove the drop tube clamp from the valve body. Slide the clamp over the bottom of the drop tube with the threaded side facing up. Thread the clamp into the bottom of the valve body and tighten.
3. Using the distance from the top of the riser nipple to the shut off point inside the tank + 2", measure from the valve centerline to a point on the fill tube and mark with a permanent marker. **This does not apply to 3" OP valve!**
4. Make sure the conduit nut is threaded onto the fill pipe, (this prevents accidentally dropping the valve into the tank). Hold the float against the drop tube and insert entire unit, (drop tube first), through the opening into the tank. **This does not apply to the 3" OP valve!**
5. Thread the adjustable collar onto the nipple and tighten hand tight only! Do not use a wrench on any part of the valve body! This will void the warranty. This does not apply to the 3" OP valve.
6. Align the arrow on the fill pipe toward the centerline of the tank and away from walls or other obstructions. **Warning! If the 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 will result!**
7. Raise or lower the fill pipe until the top of the adjustable collar is aligned with the mark made in step 3. Tighten the setscrews on the adjustable collar. **This does not apply to the 3" OP valve!**
8. Place warning decal, (included with limiter), on the tank where it is readily visible.

ROUND HORIZONTAL TANK HEIGHT	% SHUT-OFF	
	90% HEIGHT	95% HEIGHT

36"	30"	33"
40"	34"	36"
42"	35"	38"
48"	41"	43"
60"	51"	54"
72"	61"	65"
84"	71"	76"
96"	81"	87"
108"	91"	98"
120"	101"	109"

RECTANGULAR TANK HEIGHT	%SHUT-OFF	
	90% HEIGHT	95% HEIGHT

36"	32"	--
40"	36"	--
42"	38"	40"
48"	43"	46"
60"	54"	57"
72"	65"	68"
84"	77"	82"
96"	88"	93"
108"	97"	103"
120"	108"	114"



## Operating Procedures:



THE 1228 2", 3", AND 4" OP-SERIES VALVES ARE DESIGNED FOR LIQUID TIGHT FILL OPERATION AND MUST BE USED WITH PROPER CONNECTIONS. FAILURE TO PROPERLY CONNECT AND/OR DISCONNECT THE DELIVERY HOSE WILL RESULT IN AN EXTREMELY DANGEROUS SITUATION!

### CAUTION!

READ THESE INSTRUCTIONS CAREFULLY AND COMPLETELY BEFORE OPERATING THIS DEVICE.

#### Before Filling:

1. Insure that the bypass valve on the transport pump is working properly.
2. Do not exceed 100 psig delivery pressure.
3. Inspect delivery hose and fittings for wear and damage.
4. A dry break coupling or cam-lock type coupling is required for delivery.
5. After hooking up the delivery hose, visually inspect the connections.
6. If any leakage is discovered during or after delivery, discontinue use and repair or replace.

Warning Do Not Take the Tank Level by Sticking the Tank Through the Fill Valve!!!  
This Could Damage the Valve and Prevent It from Operating Properly!!!

#### Filling and Disconnection Process:

1. Connect the delivery coupler to the valve fill adaptor.
2. Make sure the nozzle or isolation valve is completely closed.
3. Turn on the pump.
4. Slowly open the nozzle or isolation valve.
5. Monitor the tank liquid level at all times during the fill.
6. Observe delivery hose and connections, and listen to the pump for signs that the valve has closed.
7. When shut off is detected, close the nozzle or isolation valve and shut off the delivery pump.
8. Reopen the nozzle/isolation valve and 5 minutes for the pressure in the line to drop.

### CAUTION!

ATTEMPTING TO DISCONNECT THE COUPLER WITH PRESSURE IN THE LINE COULD RESULT IN THE RELEASE OF PRODUCT!

9. Close the nozzle/isolation valve and slowly disengage the delivery coupling, replace cap.

Warning Do Not Take the Tank Level by Sticking the Tank Through the Fill Valve!!!  
This Could Damage the Valve and Prevent It from Operating Properly!!!

# 3" OP Valve Drain Back Function:

