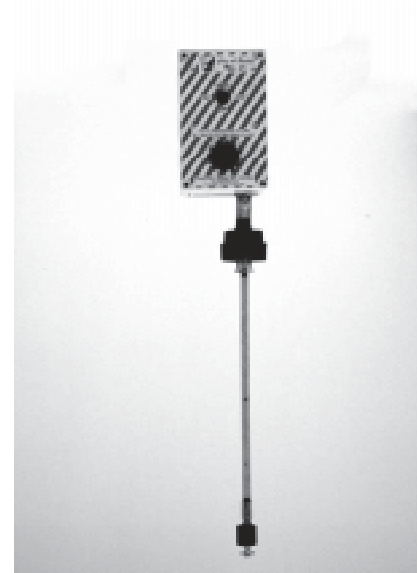


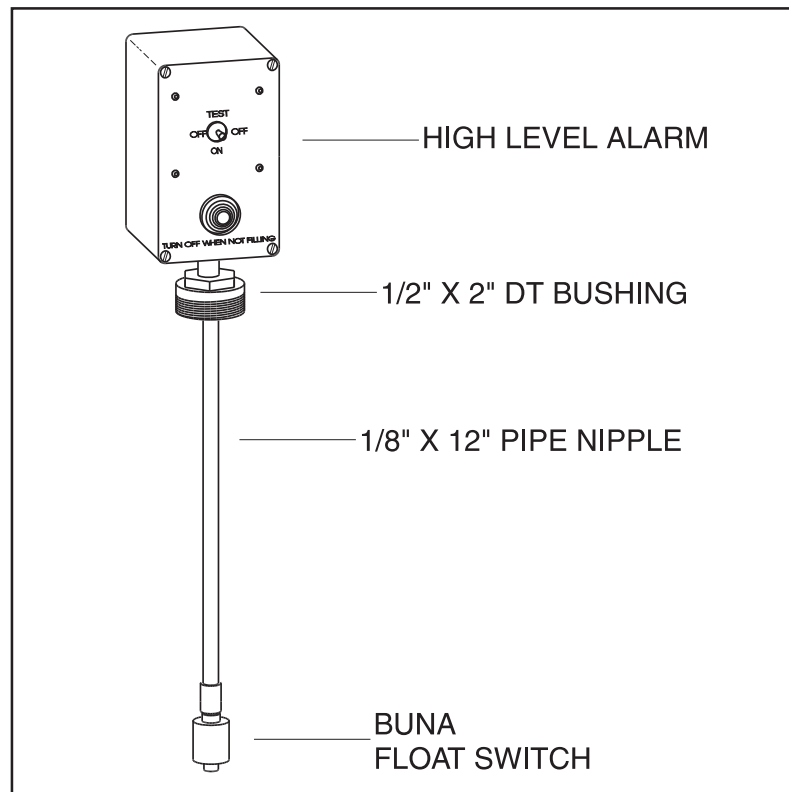
Features

Designed to meet current codes for overfill prevention. Alarm is battery operated, intrinsically safe, and complies with NEMA requirements. 95 decibel alarm alerts delivery person when fluid in tank reaches the predetermined level. Level is adjustable for specific applications. Unit comes ready to install with Alarm, float switch, batteries and one length of 1/8" pipe. May be ordered with #1313 sight gauge, (#1350), for complete liquid level monitoring and alarm.



1400

| Part No. | Size | Wt. lbs |
|--------------|------|---------|
| 1400-13-1000 | 2" | 2.0 |



1400 Installation Instructions

1. The 1400 comes pre-assembled ready to install, with a 12" pipe nipple for an alarm switch depth of 12". If this is sufficient then merely thread the unit into a 2" opening on your tank.
2. If a different alarm depth is needed, use the chart on this page to determine the proper depth for your round horizontal tank, (for vertical round tanks or rectangular tanks, simply multiply the total height of the primary tank by the percentage shut-off).
3. Loosen the four plastic screws and remove the cover on the alarm box, then disconnect the two wires running into the terminals inside.
4. Loosen and remove the float switch from the 1/8" pipe coupling, being careful not to damage the float mechanism, pull the wires through and out of the 1/8" pipe nipple.
5. Remove the existing 1/8" pipe nipple and replace with proper length.
6. Run the wires back through the pipe and into the box, connecting the wires to the terminals.
7. Check the alarm function by moving the switch to the "on" position and moving the float up to trigger the alarm. If the alarm sounds with the float in the lowered position, remove the snap ring securing the float to the switch, and reverse the direction of the float, (changing the direction of the float determines whether the alarm sounds with the float in the "up" or "down" position).
8. Test again, and reassemble the unit.
9. Install in tank.

| ROUND HORIZONTAL TANK HEIGHT | % SHUT-OFF | |
|------------------------------|------------|------------|
| | 90% HEIGHT | 95% HEIGHT |
| 32" | 27" | 28.9" |
| 34" | 28.7" | 30.7" |
| 36" | 30.4" | 32.5" |
| 38" | 32.1" | 34.3" |
| 40" | 33.7" | 36.1" |
| 42" | 35.4" | 37.9" |
| 44" | 37.1" | 39.7" |
| 46" | 38.8" | 41.6" |
| 48" | 40.5" | 43.4" |
| 50" | 42.2" | 45.2" |
| 52" | 43.9" | 47" |
| 54" | 45.6" | 48.8" |
| 56" | 47.3" | 50.6" |
| 58" | 49" | 52.4" |
| 60" | 50.6" | 54.2" |
| 62" | 52.3" | 56" |
| 64" | 54" | 57.8" |
| 66" | 55.7" | 59.6" |
| 68" | 57.4" | 61.4" |
| 70" | 59.1" | 63.3" |
| 72" | 60.8" | 65.1" |
| 74" | 62.5" | 66.9" |
| 76" | 64.2" | 68.7" |
| 78" | 65.9" | 70.5" |
| 80" | 67.5" | 72.3" |
| 82" | 69.2" | 74.1" |
| 84" | 70.9" | 75.9" |
| 86" | 72.6" | 77.7" |
| 88" | 74.3" | 79.5" |
| 90" | 76" | 81.3" |
| 92" | 77.7" | 83.2" |
| 94" | 79.4" | 85" |
| 96" | 81.1" | 86.8" |
| 98" | 82.7" | 88.6" |
| 100" | 84.4" | 90.4" |
| 102" | 86.1" | 92.2" |
| 104" | 87.8" | 94" |
| 106" | 89.5" | 95.8" |
| 108" | 91.2" | 97.6" |
| 110" | 92.9" | 99.4" |
| 112" | 94.6" | 101.2" |
| 114" | 96.3" | 103" |
| 116" | 98" | 104.9" |
| 118" | 99.6" | 106.7" |
| 120" | 101.3" | 108.5" |

| RECTANGULAR TANK HEIGHT | % SHUT-OFF | |
|-------------------------|------------|------------|
| | 90% HEIGHT | 95% HEIGHT |
| 32" | 28.8" | --- |
| 34" | 30.6" | --- |
| 36" | 32.4" | --- |
| 38" | 34.2" | --- |
| 40" | 36" | --- |
| 42" | 37.8" | 39.9" |
| 44" | 39.6" | 41.8" |
| 46" | 41.4" | 43.7" |
| 48" | 43.2" | 45.6" |
| 50" | 45" | 47.5" |
| 52" | 46.8" | 49.4" |
| 54" | 48.6" | 51.3" |
| 56" | 50.4" | 53.2" |
| 58" | 52.2" | 55.1" |
| 60" | 54" | 57" |
| 62" | 55.8" | 58.9" |
| 64" | 57.6" | 60.8" |
| 66" | 59.4" | 62.7" |
| 68" | 61.2" | 64.6" |
| 70" | 63" | 66.5" |
| 72" | 64.8" | 68.4" |
| 74" | 66.6" | 70.3" |
| 76" | 68.4" | 72.2" |
| 78" | 70.2" | 74.1" |
| 80" | 72" | 76" |
| 82" | 73.8" | 77.9" |
| 84" | 75.6" | 79.8" |
| 86" | 77.4" | 81.7" |
| 88" | 79.2" | 83.6" |
| 90" | 81" | 85.5" |
| 92" | 82.8" | 87.4" |
| 94" | 84.6" | 89.3" |
| 96" | 86.4" | 91.2" |
| 98" | 88.2" | 93.1" |
| 100" | 90" | 95" |
| 102" | 91.8" | 96.9" |
| 104" | 93.6" | 98.8" |
| 106" | 95.4" | 100.7" |
| 108" | 97.2" | 102.6" |
| 110" | 99" | 104.5" |
| 112" | 100.8" | 106.4" |
| 114" | 102.6" | 108.3" |
| 116" | 104.4" | 110.2" |
| 118" | 106.2" | 112.1" |
| 120" | 108" | 114" |

