



13 GALLON ASME TANK PRESSURIZED
RELIEF VALVE REPLACEMENT KIT

GENERAL INFORMATION

The maximum working pressure of the 13 gallon vessel is 119 psi (820.5kPa). The relief valve on the 13 gallon (49.2 liter) stations is designed to open at 110 psi (758.4 kPa). From August 1, 2012 to January 13 2014 the 13 gallon pressure vessel may have been shipped with the incorrect pressure relief valve. This installation, operation, and maintenance manual is to help the customer replace the current 125 psi valve on the 13 gallon tanks with the 110 psi valve in this replacement kit.

CAUTION:

1. Tank is designed as a limited pressure vessel.
2. Do not drop or impact the eyewash vessel or external components.
3. Use the installed carry handles or an adequate cart to transport the eyewash station. Damage to vessel or bodily injury may occur if improperly handled.
4. Portable unit must be de-pressurized prior to removing lid.

ASSEMBLY AND INSTALLATION INSTRUCTIONS

NON-HEATED PRESSURIZED PORTABLE EYEWASH / DRENCH HOSE STATIONS

1. Drain the water from the current unit by actuating the unit.
2. **PRIOR TO OPENING VESSEL DEPRESSURIZE UNIT** by pulling the pressure relief valve ring to open valve. Hold open until pressure gauge indicator falls to "0" mark. When de-pressurization of the vessel is complete, release lid lock to remove lid.
3. Use 11/16th wrench to remove the current pressure valve. Make sure to remove any foreign material from the threading on the tank.
4. Empty remaining water from vessel.
5. Rinse the vessel internally and externally to remove any foreign material. Care should be taken to prevent damage.
6. Inspect eyewash/drench hose head assembly for any dirt or foreign material in heads. Rinse as necessary.
7. Use medium strength thread sealant and/or PTFE Tape on the threads of the new pressure relief valve.
8. Thread the valve into the tank by hand and tighten with the 11/16th wrench
9. Fill vessel with clean potable water to the appropriate fill-line. Do not add Hydrosep® water preservative for testing purposes.
10. Replace lid and secure with lid lock. Ensure lid is sealed.
11. Pressurize vessel to the green bar area on pressure gauge (100 psig, 689.5 kPa) with clean dry air source by way of the air valve stem. Air valve stem and pressure gauge are located on top of vessel. Pressure will drop slightly after initial filling due to cooling of compressed air. Allow approximately 20 minutes for this pressure to drop. Add additional air to restore pressure to the green bar area as required.
12. Visually inspect eyewash unit for several minutes to ensure no leaks are present. If leaks are present, check to verify that ball valve is properly closed, vessel lid is sealed, and all fittings are secured (water and air).
13. Test eyewash assembly for proper fluid flow pattern by activating eyewash valve to open position for a few seconds. Records should be maintained verifying compliance with testing procedures.
14. When testing is completed and satisfactory, fill eyewash station using the following instructions:
 - a. **PRIOR TO OPENING VESSEL DEPRESSURIZE UNIT** by pulling the pressure relief valve ring to open valve. Hold open until pressure gauge indicator falls to "0" mark.
 - b. When de-pressurization of the vessel is complete, release lid lock to remove lid.
 - c. Refill vessel with clean potable water to appropriate fill-line. It is recommended Hydrosep® water preservative (purchased separately) be added to the vessel fluid supply when using potable water. Follow directions on Hydrosep® container.
 - d. Pressurize vessel as instructed in Step 11 above.
15. Place pressurized portable eyewash/drench hose station at desired location.

HEATED PRESSURIZED PORTABLE EYEWASH / DRENCH HOSE STATIONS

CAUTION: Disconnect power source from unit prior to attempting maintenance.

1. Complete Steps 1 through 15 in the Assembly and Installation Instructions above.

PROPOSITION 65

WARNING: This product can expose you to BPA, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

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