



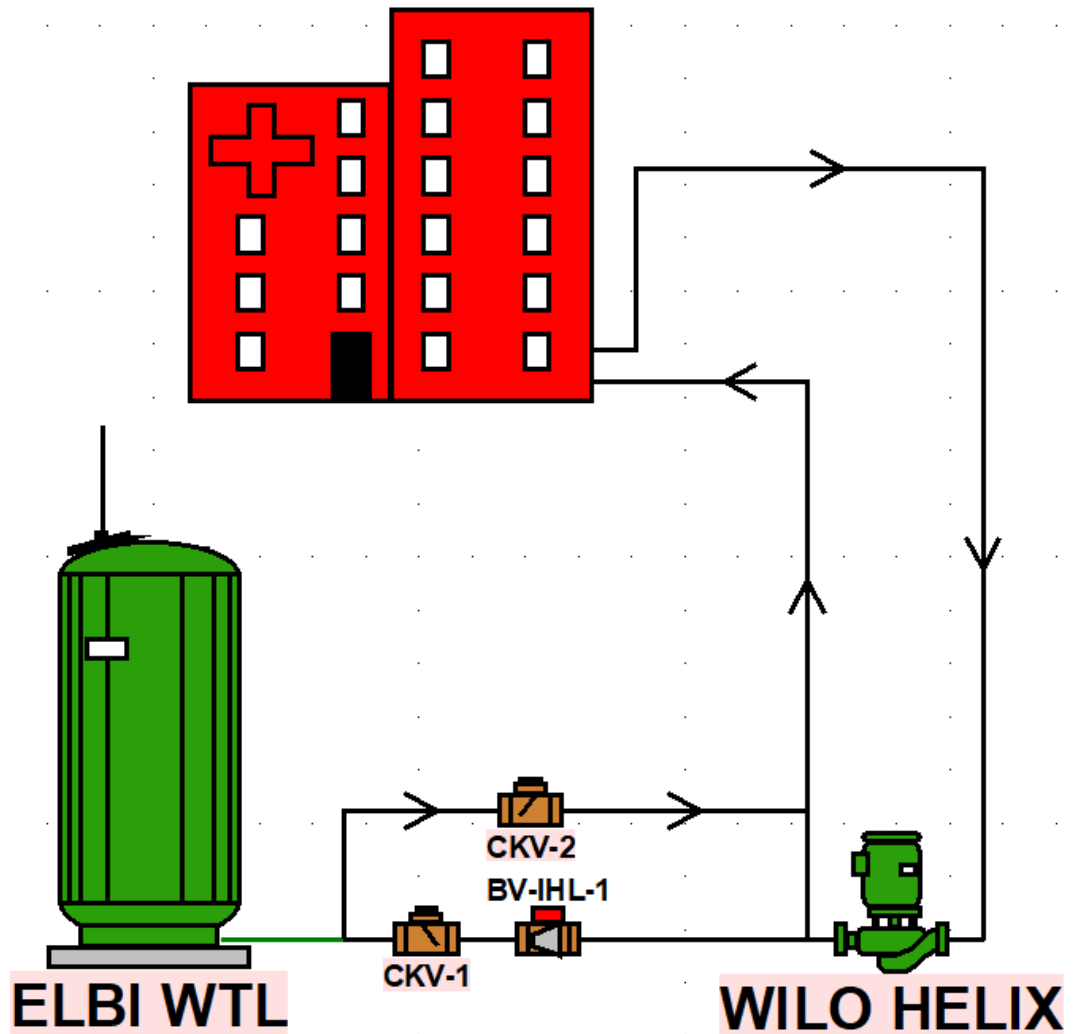
ASME Bladder Type Booster Storage Tank Installation, Operation and Maintenance Instructions

1. Visually inspect tank for damage, which may have occurred during transit. If damaged, delivering carrier must be notified. Please contact your Distributor prior to installation.
2. **Factory pre-charge pressure WILL NOT be correct for the installation.**
Confirm proper sizing of check valves and tank inlet flow limiter.
3. Tank **MUST** be pre-charged to system design pressure before placing into operation. Remove pipe plug covering the valve enclosure, check and adjust the charge by adding or releasing air for each application.
4. If pre-charge adjustment is necessary, oil and water free compressed air or nitrogen gas may be used. Check the pre-charge using an accurate pressure gauge at the charging valve and adjust as required. Check air valve for leakage. If evident, replace with schrader type tire valve core. Do not depend on the valve cap to seal the leak. After making sure air charge is correct, replace pipe plug over charging valve for stem protection.
5. Pre-Charge should be 2 psi below CUT-IN system pressure.
6. Set tank in place and pipe system connection to system. Be sure to include isolation valve(s) and drain. Do NOT loosen nuts on cover plate – this will result in loss of pre-charge confirm precharge from the factory. Cover plates and nuts should only be removed when bladder replacement is required.
7. Purge residual air from system before putting tank into operation.
8. When filling the system with water, open valves to tank to ensure that any trapped air in the tank is displaced by water.
9. Some ASME Expansion Tanks have both a top and bottom system connection. We recommend that only the bottom system connection be used as system connection. The top auxiliary connections may be used for gauges, relief valves, etc. However, we recommend that you leave the top plug in place or install a plug (if one is not already installed). Check for leaks with soap and water to ensure a water tight connection.

Before installing, verify there is proper air pressure in the tank as shipped.

WTS-WTL ASME Hydronic tanks are shipped with a factory shipping only pre-charge of 12 psi or more NOT less.

10.



MAINTENANCE

Periodic check of the complete heating system by a professional is recommended at least once a year. During such, correct pre-charge of this tank should be verified and adjusted if required.

