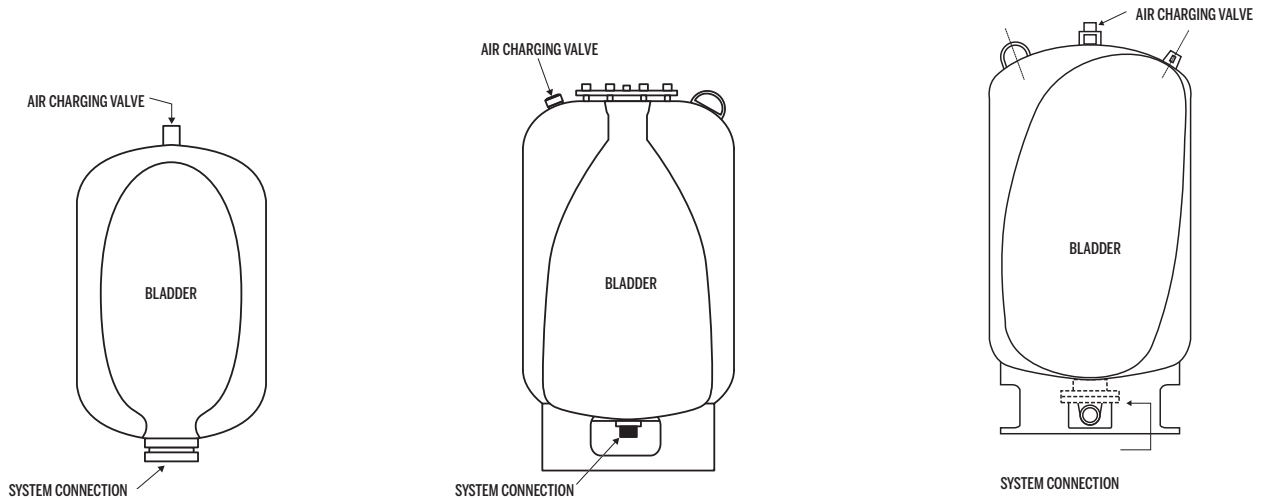


# BLADDER REPLACEMENT

Conform to ASME code



## MODELS AL-35 AND AL-50

1. The tank must be drained and all pressure released.
2. The bladder is attached to the tank at both ends. To remove the bladder from the tank, remove all bolts from the cover plate and take off the plate.
3. You will then be able to push the bladder to the side wall of the tank. Reach into the tank at far end and you will note that the bladder has a tab at this end which has been slipped over the extension of the Schrader valve and held in place with a threaded washer. Unscrew the washer (counterclockwise) and this will release the bladder from the tank.
4. Pull out the bladder and install the new bladder by reattaching it in to the Schrader valve.
5. To complete the bladder attachment, you will note that the bladder has gaskets molded right with the bag. Make sure the bladder is not twisted on the interior of the tank.
6. Reattach the cover plate to make an air and water tight seal.
7. Recharge the tank.

## MODELS AL-85 THRU AL-800

1. The tank must be drained and all pressure released.
2. The bladder is attached to the tank at both ends. To release the bladder, remove the jam nut holding the bottom fitting. The fitting can now be pushed up inside the tank and bladder. To release the bladder from the opposite end, remove all nuts from the flange and then take off the cover plate.
3. You will be able to reach in and remove the bladder. Remove the strainer assembly from inside of the bladder.
4. To install the new bladder, insert the strainer assembly into the bladder and then carefully position the new bladder into the tank, so that the strainer assembly nipple protrudes through the hole in the bottom of the tank (base ring end).
5. Install the jam nut to a snug fit.
6. To complete the bladder attachment, you will note that the bladder has a gasket molded right with the bag. Make sure the bladder is not twisted on the interior of the tank.
7. Reattach the cover plate to make an air and water tight seal.
8. Recharge the tank.

## MODELS AL-1000 THRU AL-5000

1. The tank must be drained and all pressure released.
2. Remove the system flange assembly.
3. When the tank is empty, lay it on its side and untie the bladder hanger.
4. Pull the bladder out with a twisting motion.
5. Inspect the interior of the tank for any burrs, spurs or sharp edges, especially in the vicinity of the bladder failure.
6. To insert the new bladder, use nylon rope(s) on the bladder hanger to pull-through with a fishwire. Cut and discard the ropes (in 12 above), one by one, during insertion.
7. Without pulling on the bladder, anchor the hanger nylon cord within the coupling allowing space for the countersunk plug.
8. Inspect the flange assembly and correct any deficiencies. Reinstall it on the tank and tighten bolts evenly.
9. Install countersunk plug using a liberal amount of TiteSeal compound 55 or equivalent. This connection must be absolutely air tight.
10. Recharge the tank.