Installation Instructions
1. Install the tank and connect into the system.  
   **DO NOT REMOVE THE BOTTOM PLUG!!!!**  
2. If a drain valve must be installed, be sure and buy an air valve because 
   this is the air side of the bladder tank and the normal brass ball valves will 
   not hold air!!!  
3. The tanks then must be precharged to the ideal system operating 
   pressure within a plus or minus 5 PSI. Do not let a high precharge sit in 
   the tank without filling the tank for any long length of time. This can cause 
   bladder damage.  
4. Check all connections for leaks after installation and operation. Check 
   on the airside of the bladder at the air charging valve and drain. 

Trouble Shooting and Bladder Repair  
1. Tank Trouble Shooting: Check the air pressure first. If there is no air 
   pressure, check your connections. Number ONE problem is a ball valve 
   installed as a drain valve and the brass style valve will not hold air and the 
   pressure slowly drops thru these valves.  
2. To see if the bladder need replacement : check the air valve and see if 
   any water comes out of the air valve and see if any water comes out of the 
   air stem when pressed. If water is present, then there is a bladder 
   problem.  
3. To replace the bladder, open the cover by unbolting the top, be sure 
   and relieve air pressure thru the stem. If need be, drain the tank by 
   siphoning the water with a hose to the floor drain. Pull the bladder out and 
   inspect. Many times the bladder has pulled away form the washers 
   because of the system pressure imbalance of air and water. This can be 
   fixed by stretching the bladder back over the washers and retighten the 
   washers. This happened because the air charged was to low and would 
   not stop the bladder from over expanding.  
4. Replace the bladder in the tank, and bolt up the cover. Recharge with 
   air and you are ready to put the tank back on line.