COMMERCIAL WATER SYSTEM TANK
AIR CELL INSTRUCTION SHEET
FOR WM60 & WM80 ONLY

CHECK PRESSURE OF AIR CELL

1. Turn off the pump at the control box or main switch.
2. Drain water from the tank by opening faucet closest to tank. Allow all water to escape and leave faucet open after water stops running.
3. Remove cap from valve stem protruding through top of the tank.
4. Check tank pressure with standard tire gauge. It should be 4 psig (.26 bar) lower than the pump cut-in pressure. Adjust as necessary.

   If no pressure reading can be obtained it may be necessary to replace the air cell.
5. Add air to cell thru valve stem at top of tank. Use a compressor to fill with air.

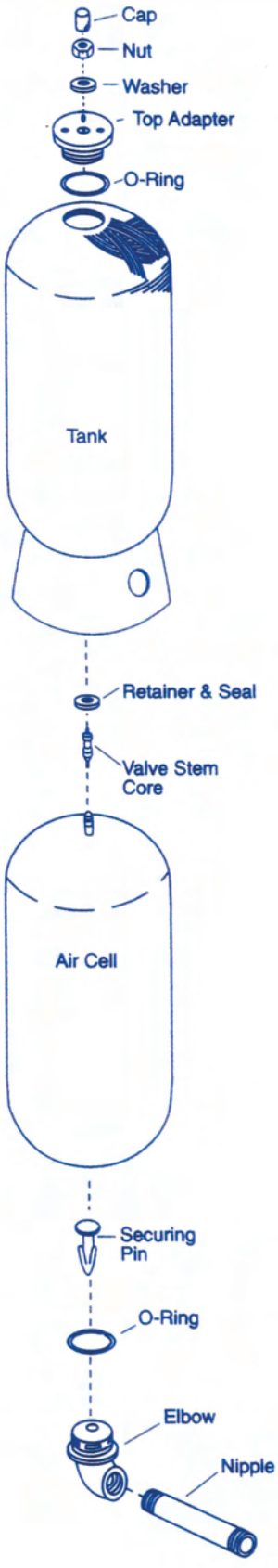
TO REMOVE AIR CELL

1. Turn off pump and drain tank as outlined above.

   WARNING: MAKE SURE ALL THE AIR PRESSURE HAS BEEN RELEASED FROM THE TANK AND THE SYSTEM
2. Remove valve stem core from valve stem at top of tank. After air has stopped escaping from stem remove nut and washer holding valve stem in place and push valve stem into tank.
3. Disconnect tank from water supply line.
4. CAREFULLY lay tank on its side (protect sides of tank). DO NOT DROP TANK.
5. Unscrew brass nipple threaded into elbow at bottom of tank. Using large pipe wrench, unscrew brass elbow at bottom and pull away from tank to expose securing pin attaching air cell to elbow assembly. Use a hack saw blade to cut securing pin and set aside after removing loose piece of securing pin.
6. Remove brass adapter at tank bottom and replace O-ring supplied in replacement kit.
7. Remove air cell from tank.

INSTALLATION OF NEW AIR CELL

1. Stand tank upright and drop valve stem connector, attached to string, through valve stem hole in top of tank until it comes through hole at bottom. Secure both ends so they don't fall back in tank and place tank again on it's side.
2. Remove air cell from box and place on clean floor extending away from bottom opening of tank. Connect valve stem connector provided on string in kit to the inside threads of valve stem.
3. Push air cell into the tank through the bottom opening. With the aid of the string, guide the valve stem to the top of tank through the small opening in the top of the tank.
4. Slide metal washer and nut on valve stem and tighten only several threads leaving stem loose. Remove valve stem connector.
5. Put just enough air into valve stem to expand cell and expose pocket at bottom of cell that will accept white securing pin. Note: ***DO NOT OVER INFLATE***. Install 6" Brass adapter into bottom of tank at this time until hand tight and tighten with wrench additional 1/4 turn.
6. With Brass elbow in hand, push white securing pin into center hole of assembly, making sure pin snap-locks in place. Thread bottom brass elbow assembly into adapter at this time until hand tight and tighten with wrench additional 1/4 turn.
7. Stand tank upright and tighten metal nut on valve stem.
8. Inflate air cell until pressure is 4 psig (.26 bar) lower than the minimum cut-in pressure of the pump. Replace dust cap.
9. Install tank into water supply line.
10. Close all faucets and start pump. Check to see that system is operating properly.



WellMate
Pentair Water Treatment Chardon
220 Park Drive • Chardon, Ohio 44024
Phone: (440) 286-4116 • Fax: (440) 286-9673