



## INSTALLATION AND OPERATION

**TYPE:** INSTRUCTIONS FOR REPLACING FXA  
BLADDER HIGH-PRECHARGE  
**MODELS:** FXA OVER 80 PSI PRE-CHARGE

TANKS – I/O

Date: Aug. 2020

### MODELS FXA-35 AND FXA-50

1. Tank must be drained and all pressure released.
2. Bladder is attached to tank at both ends. To remove bladder from tank remove all bolts from cover plate and take off plate.
3. You will now be able to push bladder to side wall of tank. Reach into tank at far end and you will note that bladder has a tab at this end which has slipped over extension of schrader valve and held in place with a threaded washer. Unscrew washer (counter clockwise) and this will released bladder from tank.
4. Pull out bladder and install new bladder by re-attaching to Schrader valve.
5. To complete bladder attachment, you will note that the bladder has gasket molded right with the bag. Make sure the bladder is not twisted on the interior of the tank.
6. Re-attached cover plate to make an air and water tight seal.
7. Re-charge tank to 80 PSI using oil-free compressed air (or nitrogen).
8. Monitoring the tank air pressure, slowly open the tank/system isolation valve. Shut valve "off" when the monitored pressure increases 5 PSI.
9. Add oil-free compressed air (or nitrogen) until the pre-charge pressure increases 30 PSI.
10. Continue this procedure of cycling between air and system water compression in 5 PSI (water) and 30 PSI (air) increments until the desired pressure is reached.

### MODELS FXA-85 THRU FXA-800L

1. Tank must be drained and all pressure released.
2. Bladder is attached to tank at both ends. To release bladder remove jam nut holding bottom fitting. This fitting can now be pused up inside the tank and bladder. To release bladder from opposite end, remove all nuts from flange and take off the cover plate.
3. You will now be able to reach in and remove bladder. Romve strainer assembly from inside bladder.
4. To install new bladder, insert strainer assembly into bladder and then carefully position new bladder into tank so that straineer assembly allows nipple to protrude thru hole in bottom of tank (base ring end).
5. Install Jam nut to a snug fit.
6. To complete 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. Re-attached cover plate to make an air and water tight seal.
8. Re-charge tank to 80 PSI using oil-free compressed air (or nitrogen).
9. Monitoring the tank air pressure, slowly open the tank/system isolation valve. Shut valve "off" when the monitored pressure increases 5 PSI.
10. Add oil-free compressed air (or nitrogen) until the pre-charge pressure increases 30 PSI.
11. Continue this procedure of cycling between air and system water compression in 5 PSI (water) and 30 PSI (air) increments until the desired pressure is reached.

### MODELS FXA-1000 THRU FXA-15000

1. Tank must be drained and all pressure released.
2. Bladder is attached to top and bottom of tank.
3. Remove cover plate from the system connection at bottom of tank, this will expose the collar portion of the bladder. Take and push this collar section into the tank. This will release bladder from bottom of tank.
4. Remove all nuts and bolts from the cover located on the top center of tank. Carefully lift up plate and note that bladder is attached to bottom side of this plate by means of chain link. Disengage chain link and this will release bladder from top of tank.
5. You will now be able to pull out old bladder.
6. Take the new bladder and roll lengthwise into tube shape.
7. Insert bladder into large opening on the top of tank. (insert bladder so that molded flanged system connection is positioned towards bottom of tank.)
8. From flanged opening at bottom of tank, reach in and pull flanged portion of bladder thru and position on flange. Re-attach cover plate to complete bottom connection.
9. Make sure bladder is not twisted inside tank. Attached chain link to connect top of bladder to underside of cover plate. Re-attach cover plate to make an air and water tight seal.
10. Re-charge tank to 80 PSI using oil-free compressed air (or nitrogen).
11. Monitoring the tank air pressure, slowly open the tank/system isolation valve. Shut valve "off" when the monitored pressure increases 5 PSI.
12. Add oil-free compressed air (or nitrogen) until the pre-charge pressure increases 30 PSI.
13. Continue this procedure of cycling between air and system water compression in 5 PSI (water) and 30 PSI (air) increments until the desired pressure is reached.