

WATER TANK INSTRUCTIONS:

DIRECTIONS:

1. Remove pump and cap assembly.
2. Fill tank with water or medicated solution up to the "FILL LINE" mark. Do NOT fill beyond this line.
3. Replace pump and cap assembly and tighten securely.
4. Pressurize tank by pumping it approximately 10-20 times (depending on the amount of liquid used). If a hissing sound is detected, tank is over-pressurized. Stop pumping. Leave tank on a level surface until hissing stops. As tank becomes pressurized, the knob of the pressure relief valve will extend exposing a color band. This band indicates the tank pressure operating range. Insert waterline from scaler into quick disconnect provided on tank.



A-22303 Faucet attachment w/female connector & tubing

WATER TANK CARE & MAINTENANCE:

NOTE: A small amount of care will repay in long life and efficient operation.

1. RELEASE AIR PRESSURE by pulling knob of pressure relief valve. Pull out fully & allow air to escape.
2. Loosen cap slowly. Remove pump & cap assembly. Pour out any remaining liquid & rinse all parts thoroughly with clean water.
3. Pull pressure relief valve knob out fully & rotate 90 degrees to safety lock position. Tank cannot be pressurized with valve in this position.
4. Always store tank empty and with tank cap loose, upside down.
5. Apply approximately 10 drops of 20 weight or heavier motor oil in oil hole provided at top of tank cap periodically.

TROUBLESHOOTING:

PROBLEM: TANK FAILS TO PRESSURIZE.

1. Be sure cap is tight.
2. Check to see if pressure relief valve is in safety lock position.
3. Oil pump cup: Lift pump plunger & apply approximately 10 drops of 20 weight or heavier motor oil in hole provided at top of tank cap. Work plunger up & down. If tank will not pressurize contact Engler Engineering.
4. Black particles found in water, the pump assembly is deteriorating. Order new pump assembly from Engler Engineering.

Pump assembly has been pre-lubricated...**DO NOT TAKE THIS ASSEMBLY APART TO CLEAN INSIDE PUMP.**

WARNING:

READ AND FOLLOW ALL INSTRUCTIONS.

ALWAYS INSPECT your pump before each use.

ALWAYS RELEASE AIR pressure before removing pump or servicing tank, by pulling pressure relief valve knob out fully.

ALWAYS TIGHTEN CAP securely, a loose cap could be forcibly ejected & cause injury.

DO NOT use mechanical devices to pressurize the tank They can create excessive and dangerous pressure which could cause the tank to explode.

DO NOT STAND over pressurized tank while using it or pumping it

DO NOT USE solutions hotter than 105°F.

DO NOT damage or alter the functions of the pressure relief valve or plug the pressure relief valve hole, as this could cause the tank to explode

DO NOT pressurize the tank until ready for use.

DO NOT lift or carry the tank by waterline, extension rod or pump handle unless it is securely locked in place.

CARE AND MAINTENANCE OF YOUR PORTABLE WATER TANK

To keep slime from forming inside the tank and eventually getting into the dental unit:

Every two weeks dispose of water in tank. Pour 1/2 cup of bleach and one quart of hot water into tank and swirl the liquid thoroughly inside the tank.

DO NOT PLACE pump assembly in tank with Clorox solution as lubrication inside the assembly may react with the mixture.

Dispose of the bleach mixture and rinse the tank out. You can allow the tank to dry overnight or fill it again with distilled water.

Clean the outside of the pump assembly with paper towels and alcohol.

The pump assembly has been pre-lubricated. **DO NOT TAKE THIS ASSEMBLY APART.**