

WATER TANK INSTRUCTIONS



PT-1 Water Tank with pressure
Release valve



PT-1 no pressure release valve

DIRECTIONS:

1. Remove pump / cap assembly.
2. Fill tank with distilled water up to the "FILL LINE". Do NOT fill beyond this line.
3. Replace pump / cap assembly and tighten securely.
4. Pressurize tank by pumping it approximately 20-40 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. Insert the male quick disconnect on the end of the waterline from the Scale - Aire Mini into female quick disconnect provided on tank.
5. Release air pressure by PULLING and TURNING pressure relief valve (if available), located on the side of the bottle.

Note: Some pump bottles are not equipped with a pressure relief valve. In that case, relieve pressure by unscrewing cap / pump assy. until a hissing sound can be heard. Wait till hissing stops to safely remove cap / pump assy..

WATER TANK CARE & MAINTENANCE

- A. Release air pressure by pulling and turning knob of pressure relief valve (if available). Pull out fully and allow air to escape.
- B. Loosen cap / pump assy. slowly. Remove pump / cap assembly. Pour out any remaining liquid & rinse all parts thoroughly with clean water.
- C. Always store tank empty and with pump / cap loose.

TROUBLESHOOTING: PROBLEM: TANK FAILS TO PRESSURIZE.

- Be sure pump / cap is tight.
- Check to see if pressure relief valve is in safety position (if available).
- Remove the pump / cap assy. from the tank. Turn pump handle counterclockwise and lift handle to unlock. At the top of the pump / cap there is an opening that says "oil here". Place 3-5 drops of mineral oil into the opening. Pump several times to work the oil into the walls of the pump until it moves freely. Repeat if necessary. Screw the pump / cap assy. back into the tank and resume normal operations. This process should be repeated often as necessary and depending on usage, or when pump starts to work harder.
- Black particles found in water bottle indicates that the pump assy. is deteriorating. Order new pump / cap assy. from Engler Engineering Corp.

WARNING:

ALWAYS INSPECT your pump before each use.

ALWAYS RELEASE AIR pressure before removing pump or servicing tank, by pulling pressure relief valve knob (if available) out fully or unscrew pump / cap assy. until a hissing sound can be heard. Wait for the hissing to stop, then remove pump / cap assy..

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 USE solutions warmer than 105F.

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

TO KEEP SLIME FROM FORMING INSIDE THE TANK AND EVENTUALLY GETTING INTO THE DENTAL UNIT CAUSING IRREVERSIBLE DAMAGE:

Every two weeks dispose of water in tank. Pour ½ gallon of hot water and 1 ounce bleach into tank and swirl the liquid thoroughly inside the tank.

It is critical for patient safety and to prevent corrosion of internal components, all cleaning fluids must be rinsed thoroughly. Dispose of bleach mixture and rinse tank with clean water thoroughly and completely.

Clean the outside of the pump / tank according to your facilities normal cleaning procedures. The pump assembly has been pre-lubricated.

DO NOT TAKE THE PUMP ASSEMBLY APART - DO NOT IMMERSE PUMP INTO BLEACH SOLUTION

WARNING: TAKE CARE TO RINSE TANK THOROUGHLY AND COMPLETELY AFTER CLEANING. ANY CLEANERS REMAINING IN THE TANK COULD DAMAGE INTERNAL COMPONENTS OF THE SCALE-AIRE MINI AND VOID THE WARRANTY.

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