

User and Installation Manual BWT for Fonda, Viki



BWT, Installation and User Manual

BWT is a passive steam generator that does not need a separate power supply as it utilizes the radiant heat emitted by sauna heaters.

It is an air humidifier developed for electric sauna heaters that allows you to enjoy your sauna when its temperature is only 130° - 140°F. The device will keep the air in the sauna room more humid than usual throughout the entire sauna session.

Being able to enjoy the warmth of the sauna at a lower temperature is based on the fact that air that is more humid feels warmer because airborne water droplets from the warm steam condense on the skin. Breathing is also easier at a lower temperature.

Installation:

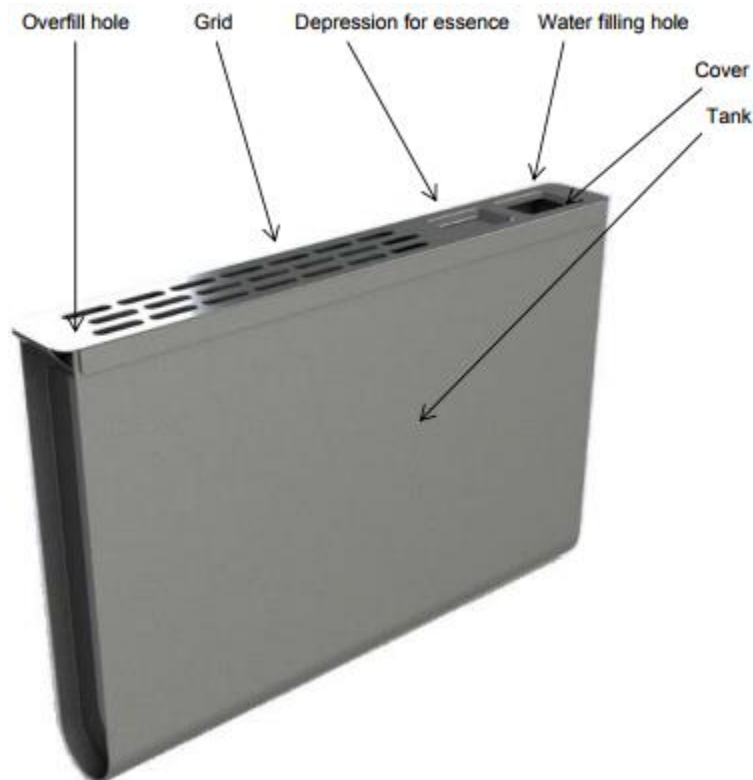
- Secure the sauna heater to the sauna wall following the instructions supplied with the heater.
- Place the BWT tank in the space between the front and middle heating elements.
- The tank is at the right height when its cover/top part is at least ½" above the heating elements.
- Depending on the heater model and the stone grate position, it might be necessary to place a couple of small stones under the BWT tank to position it correctly.
- Remove the white plastic protective film from the tank cover.
- Place the cover so that the filling hole is on the side of the tank from which it will be filled.
- Fill in the rest of the spaces between the heating elements with stones, according to the heater instructions.
- You may also place one layer of stones on top of the tank cover grid.
- Be sure to leave the square fill hole open and accessible.



Note: Fill the space between the elements with stones until just the tips are covered!

Use: General

- Fill the tank up with clean potable water. It is best that hard water (water with high mineral content) is not used in the tank as it will result in lime scale build-up. A full tank will last about 1 hour.
- The holes in both ends of the tank prevent overflowing. The latest point at which you should stop filling the tank is when you reach these holes.
- The easiest way to fill up the tank is using a standard long-neck watering can. The volume is roughly 2 liters or ½ U.S. gallon.
- The depression next to the filling hole is designed for liquid essence. When adding essence, ensure that here is no chance of it overflowing. Make sure to use **water-based** products only! Pure, oil-based essence is not recommended in the essence depression.
- Turn the heater on.
- The water in the tank should begin to boil in about 12-15 minutes.
- You can start using the sauna much earlier than usual. A temperature of about 130°F at shoulder height will produce a good sauna!
- While it is possible to use the sauna without water in the tank, we recommend that you always use water to prevent warping or distortion of the tank. Warping will not affect the performance of the tank but may reduce the volume of water it holds.
- The duration of boiling water depends on the temperature value you have your thermostat set at. Generally, a full tank will last 1 hour.



Different ways of using the BWT generator

Dry Sauna:

- Fill the tank up to 1/3 of its capacity and start using the sauna when the temperature has reached about 150°F or above.
- A pre-humidified sauna will feel more comfortable than a dry sauna.
- Water can be thrown on the stones as usual.

Humid Sauna:

- Fill the tank with water and start using the sauna once it has reached 130°F.
- After 10-15 minutes in the sauna, water droplets will start to form on the skin.
- The feeling of perspiration is caused partly by the condensed water and partly by actual perspiration. This creates a feeling of intense relaxation in the sauna.
- The lower temperature and humid air make it easy and pleasant to breathe in the sauna.

Fragrant Sauna, *Continuous*:

- Fill the tank and add a water-based fragrance to the water. Start with a small amount and add more until you reach the level of fragrance for you.
- You can start using the sauna and enjoying the fragrant steam as soon as the water starts to boil (10-15 minutes).
- The fragrance will be emitted at a constant rate as long as there is water in the tank.

Fragrant Sauna, *Short-term*:

- Fill the tank up with water.
- Add a small amount of the liquid essence to the depression in the cover as desired.
- Turn the heater on.
- Fragrance is emitted when the water starts boiling and this will continue for 5-10 minutes, depending on the amount of essence added.
- This is a good way of enjoying the fragrance if there are users that prefer a more traditional sauna experience.

Salt Sauna:

- Fill the tank with water.
- Place a few pieces of Himalayan salt (rock or large granular) on the tank grid.
- Turn the heater on.
- After the water has been boiling for a while, you will start to taste salt in the air.

BWT Maintenance:

- The BWT requires very little maintenance. However, if you have hard water you will eventually get a lime scale build-up inside the tank.
- To clean the tank, remove enough rocks to free the tank from the heater.
- Tap on the sides/bottom of the tank to loosen the build-up of lime scale and dump out into a waste basket.
- If scale still remains, add a small amount (about 1 tbsp) of powdered citric acid or other lime scale remover to the tank and top off with hot water. Let stand for 15 minutes then drain and rinse with clean water.
- Place tank back into the heater and re-stack the rocks that were removed earlier. If you have any rocks that have broken down to less than the size of a computer mouse, throw them away and replace them with new rocks.

Note: If you run the heater with a dry tank it is possible for the sides of the tank to warp inward. This does not affect the performance of the BWT and is not a warranty issue. It is always best to use water in the tank to avoid deformation of the tank.

Warranty

TyloHelo Inc. warrants the BWT tank to be free of manufacturing defects, such as leaking or severe dents at time of purchase. Leaking will be warranted for 1 year from date of purchase. Use of pool/spa water will void all warranties. Warpage of tank due to running dry will not be warranted unless the tank develops a leak within the 1 year warranty period.

All claims for warranty must be made to the place of purchase and must include receipt of said purchase.

For further information on use of BWT or to exercise a warranty claim, contact TyloHelo Inc. Technical Support at techsupport@tyloheloinc.com or by phone at 1-888-780-4427.