

## Recommended Materials

- Hot tank De-scaling solution : Dissolve 125 grams of citric acid crystals in 1 litre of hot water
- Bucket or pan with 8 - 10 litre capacity
- Funnel with 8 mm diameter end
- Rubber gloves

## Cleaning Procedure

Bottle & POU water coolers need to be cleaned periodically to prevent mineral build-up inside the heating tank. The frequency of cleaning is determined by the quantity of minerals in the bottle water and the amount of water used.

Heating tanks may require cleaning when:

1. Normal hot water flow appears restricted.
2. Noisy heating cycles are heard.
3. Water in the cooling tank is very warm.
4. Mineral build-up has imparted a taste to the water.

**PLEASE READ AND FOLLOW ALL DIRECTIONS TO PREVENT DAMAGE TO THE UNIT AND TO THE USER.**

**CAUTION:** Because this cleaning process involves very hot water that may scald, the use of rubber gloves is recommended. **KEEP CHILDREN AWAY.**

1. Disconnect the power supply cord & switch OFF Hot Tank ..
2. Draw water from the hot faucet until the water is cool.
3. Remove the bottle from the unit.
4. Drain water from the reservoir & Hot Tank through the drain valve located at rear of cooler using a bucket. **CAUTION: HOT WATER CAN SCALD .**
5. Turn the drain valve to a closed position when the tank is empty.
6. For easy access to the hot tank inlet tube remove the top from the unit. Then remove the float & the Baffle from the reservoir .
7. Place a funnel with an 8 mm diameter end into the Hot Tank Inlet (tube where baffle is normally located)
8. Mix 125 grams of citric acid crystals with one litre of very hot water. (Wearing rubber gloves is recommended )
9. Carefully pour the hot solution into the funnel & into Hot Tank. **BE CAREFUL NOT TO SCALD YOUR HANDS.**
10. Fill the reservoir with bottled water until the water level is about 75 mm from the top. To allow the hot tank to fill completely, open the hot faucet until the water begins to flow, then close the faucet.
11. Reconnect to power supply and switch ON Hot Tank.
12. Let the unit stand for at least thirty minutes.

13. While the citric acid solution is cleaning the hot tank, this is a good time to clean the rest of the exterior of the unit.
14. Inspect the back of the unit for lint or dirt on the wire and tube condenser. If it is dirty, clean it with a non-wire stiff brush or a vacuum cleaner.
15. Unplug the service cord after 30 min's have passed.
16. Using rubber gloves and taking care not to scald your hands, open the Hot Tank drain at the rear of the unit catching the water in a pan or bucket. The water will be discoloured. **NOTE: THIS DRAIN WATER SHOULD BE IMMEDIATELY Poured DOWN A DRAIN TO PREVENT ACCIDENTAL SPILLING; THIS WATER WILL STAIN.**
17. Pour at least five litres of bottled water into the cooling reservoir and allow this water to drain from the heating tank drain. Drain any remaining water in the reservoir through the cold faucet.
18. Close and secure the drain cap when the hot tank is empty.
19. Replace the baffle and Float and top on unit.
20. Place a bottle of water in the unit.
21. Plug the service cord back into the wall socket.
22. Proceed to fill water as normal start up.
23. Open the hot faucet to allow the tank to fill.
24. When the Hot Tank is completely full switch ON Hot Tank.
25. After the unit has run for ten to fifteen minutes, draw at least one litre of water from both hot and cold faucets.
26. Using a torch inspect for water leaks in the interior of the unit.

Your heating tank should now be clean. If the flow of water or the noisy cycles have not been improved, you should have the unit repaired at an authorised service centre.

Cleaning the unit in this manner will not only make the unit run more efficiently, but will make the water taste better.