

Maintenance / Descaling Process

To Drain the unit

- Turn off the water and electricity power supplies.
- Turn on the tap on the front of the unit to drain the tank.
- Unscrew and remove the tap and remove 4 fixing screws on outer cover.
- Shield the electronic controller from possible water damage.
- Carefully remove the drain plug from the bottom of the tank and drain.
WARNING: Beware of splashing water as it may be near boiling point.

Descaling

If scale comes out with the hot water then the unit may need to be descaled. As with all water heaters scale will build inside the tank. How quickly this build up occurs will depend on the hardness of the water and the frequency of use.

Please follow the procedure below:

- A suitably qualified person should carry out the descaling.
- Ensure the mains electricity supply is isolated.
- Unscrew and remove tap.
- Remove 4 fixing screws on outer cover.
- Remove draining plug on bottom of water tank.
- After water has drained out replace plug.
- Mix 2 teaspoons (approximately 10ml) food grade citric acid into a cup of water.
- Feed citric acid through tap hole (either by funnel or placing tap half way on the thread, turning upside down with the tap lever permanently open).
- Tighten tap, leaving outside cover off.
- Turn power on, unit will cycle and fill. Allow unit to boil for 10 minutes then drain.
- Turn power off.
- Drain unit and remove tap.
- Replace outside cover.
- Replace tap, turn power on.
- Wait until unit has filled with water – drain once again from tap, allow unit to refill.
- Unit is ready for use

Cleaning:

- Before cleaning, switch off the electricity at the isolating switch.

-
- It is recommended that the unit surfaces are cleaned with a soft cloth.
-
- Do not use abrasive or solvent cleaning fluids.

Operating Instructions

Make sure the water is turned on prior to mains electricity supply.

-
- Check all connections for water leaks.
-
- Turn on the power and wait approximately 20 minutes before using.

Priming the unit:

When the power is turned on for the first time the unit will automatically prime itself, covering the heating element.

The heating element will then switch ON and boil that amount of water (this will take 10-15 minutes) starting the automatic Heat and Refill process until the tank is full.

The unit then goes into maintenance mode, keeping the water at the required temperature.

The unit should be switched off at the mains if the water is not required for a long period of time (eg: at weekends, holidays etc).

Please note

-
- The unit can take several minutes to reach the required temperature, depending on usage and tank capacity.
-

When first installed, it is recommended that the initial tank of boiling water is fully drawn off and discarded. Allow the tank to re-fill before using the unit.

POWER light when the unit is on, the POWER light will be illuminated.

Safety Features

-
- The boiling water unit is fitted with a MANUAL RESET SAFETY DEVICE, which operates in a BOIL DRY situation, and a MANUAL RESET THERMOSTAT, for detecting excessive steam in the event of electronic controller failure or water solenoid valve failure.
-

Unless you are a qualified engineer DO NOT ATTEMPT to repair this unit yourself.
In the event of malfunction please contact our Technical Service Helpline on 0844 372 7766.

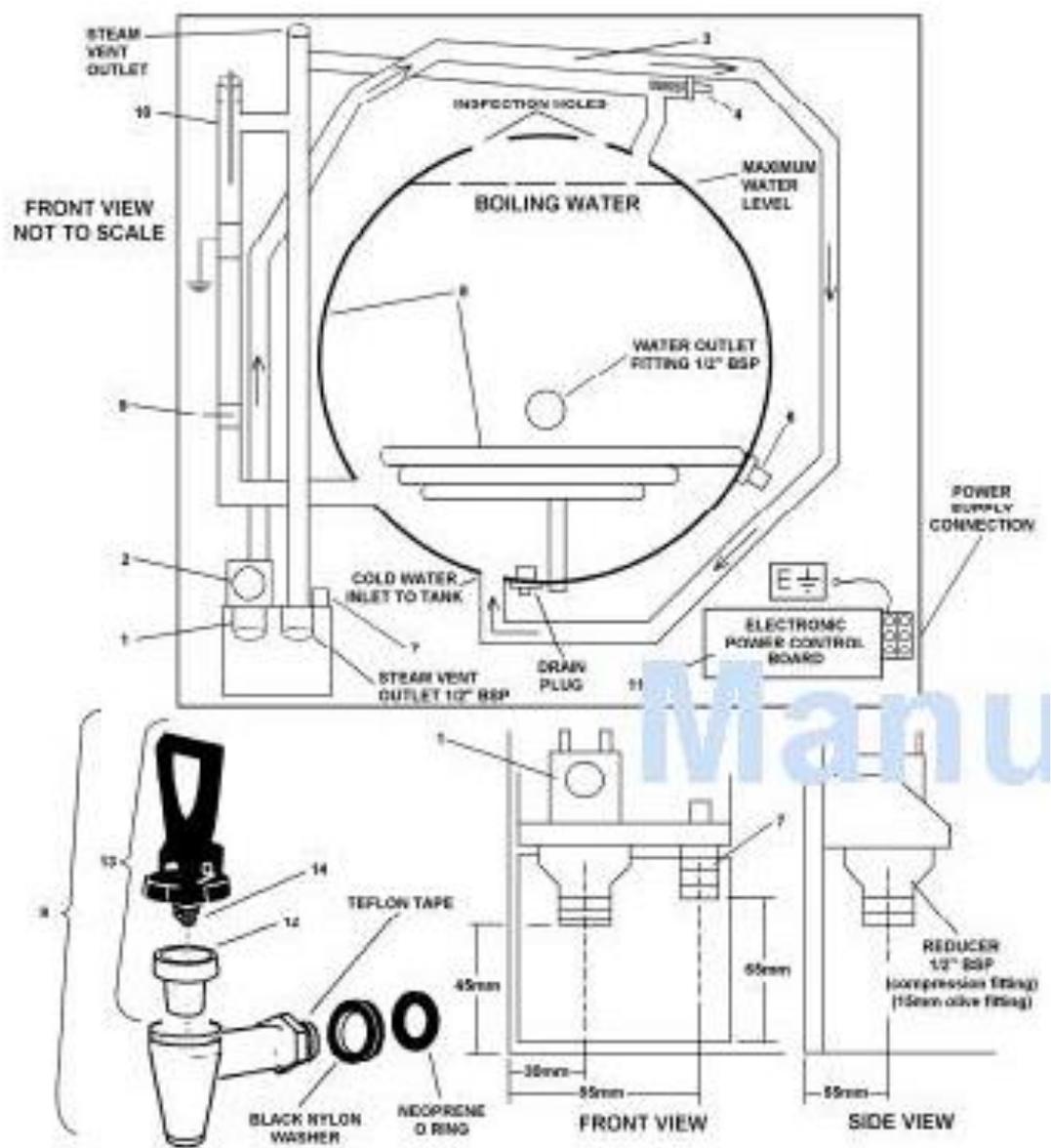
WARNING

-
- SCALDING HOT WATER will be dispensed from the unit.
-

Never wash your hands directly from the unit.

-
- Some plastic cups can distort if they are filled with boiling water, so causing a danger of scalding.
-

Do not use if heater is suspected of being frozen. Allow to thaw completely before use



REFERENCE	DESCRIPTION
1	WATER SOLENOID VALVE
2	COIL ASSY - WATER VALVE
3	CONDENSER ASSY
4	THERMISTOR STEAM SENSOR
5	ELEMENT & TANK ASSY
6	MANUAL RESET THERMOSTAT - ELEMENT
7	THERMOSTAT MANUAL RESET - STEAM
8	TAP ASSY
9	SENSOR TUBE - MINIMUM WATER LEVEL
10	PROBE - MAXIMUM WATER LEVEL
11	POWER CONTROL BOARD (PCB ASSY)
12	TAP CUP SEAL
13	TAP INSERT c/w CUP SEAL
14	TAP SPRING

All the above items are available as spare parts:-
RING: 0844 372 7750

Other items available but not shown:-
 POWER INDICATOR LIGHT
 INDICATOR BEZEL
 SILICONE HOSE - 1.8M
 SILICONE HOSE - SMALL
 BLACK TEE PIECE
 WIRING LOOM
 TERMINAL BLOCK

Fixing the unit to the wall

- * Suitable screws and washers must be used through the designated keyholes on the backplate of the unit ensuring the unit securely fastened to the wall.
- * Ensure the fixing screws are horizontal and the unit, when installed, is level.

Connecting the water supply and vent pipes

- * When the unit is fixed to the wall, make the final water supply and steam vent connections and secure the pipework.
- * Switch the water supply back on.

Connecting the mains cable

- * Ensure the mains supply is isolated.
- * Connect the mains cable from the unit to the means for disconnection (eg. 13A fused double pole isolating switch).
- * Ensure the cable clamps are firmly secured and the cable ends are tightened into the terminal block.

Note:

The supply cable must be a minimum of 1.0mm² 3-Core multi-strand PVC insulated mains cable. The terminal block will not accept cable diameters above 1.5mm².

Check that the mains supply matches the electrical rating on the product.

The rating plate is located on the bottom edge of the unit.

IMPORTANT:

Connect the supply cable, complying with BS.6500, to this appliance in accordance with the following code:

GREEN AND YELLOW (EARTH) connect to the terminal marked "



BLUE (NEUTRAL) connect to terminal marked "N".

BROWN (LIVE) connect to terminal marked "L".

**WARNING: THIS APPLIANCE, AND ALL METAL PIPEWORK CONNECTED TO IT,
MUST BE EARTHED.**

Replacing the front cover

- * Support the front cover and re-attach the neon light carefully clipping to the unit.
- * Replace the front cover and secure using the top and bottom screws.
- * Apply Teflon tape to tap thread and screw-in.
- * Reconnect the mains water supply.
- * Check for any leaks and make good prior to turning mains electricity supply on.