


Descaling Instructions

 FOLLOW ALL INSTRUCTIONS CAREFULLY


The filter system provided with your hot water system will help to prevent scaling of the boiler and give better tasting water. The filter will reduce the need to descale your water system but does not eliminate it.

In order to ensure maximum efficiency and product life of your machine, it will be required to descale, drain and refill the system annually or possible earlier, especially in hard water areas.

Ensuring the filter is replaced as required and is set up correctly, will reduce the frequency of required descaling. If you are finding the system requires frequent descaling, then you will need to replace the filter more frequently.


 **WARNING:** Harmful if swallowed. Irritating to eyes and skin.

 **KEEP OUT OF REACH OF CHILDREN.**

 Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water.

If swallowed, seek medical advice immediately and show the container or label.

 FOLLOW MANUFACTURER'S GUIDELINES

 The descaling chemical is acidic and should only be used and handled as indicated. Care should be taken not to ingest, expose to skin, clothing or decorative surfaces. Take care when touching all surfaces and when disconnecting or connecting hoses - they may be hot and or generate steam, you must use personal protective wear to prevent accidental scalding.

We strongly recommend only using our descaling solution to avoid accidental damage to the product which may be caused by more aggressive alternatives.

You will need:



Safety goggles



Adjustable



Rubber Gloves



Measuring jug



Funnel



1 packet of descaler



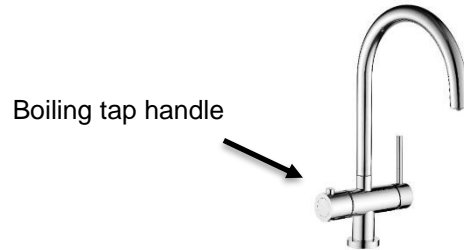
Tweezers

Step by step guide for descaling:

- 1) Press and hold the power button to activate, this will put the boiler into standby mode.

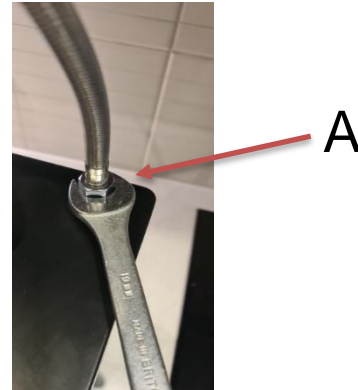


- 2) Turn the boiling tap handle on fully. Run for at least 3 litres or until the stream of water runs fully cold.

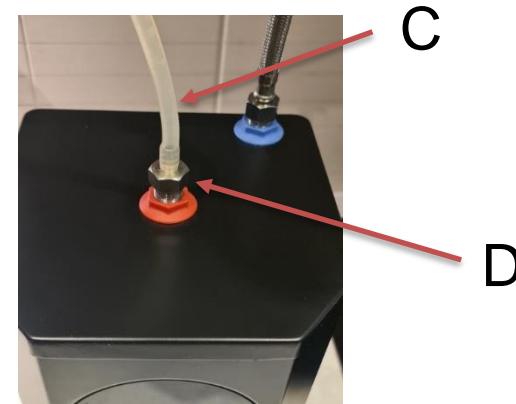


⚠️ TURN OFF WATER SUPPLY VALVE

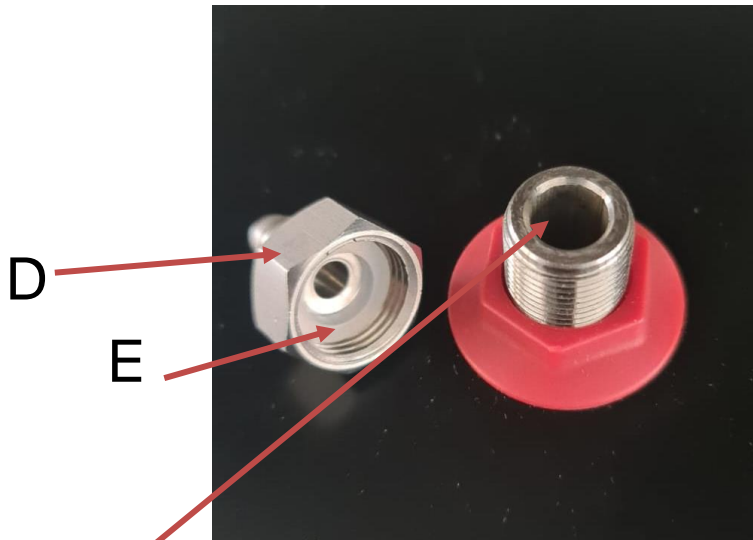
- 3) Pull out the mains power plug from the rear of the boiler.
- 4) Firmly pull the silicone rubber hose (C) off from the connector (D).



- 5) Unscrew flexible hose (A), using 19A/F spanner or adjustable spanner, from the top of the boiler (B).



- 6) Whilst taking care - lift the tank unit out from the cabinet and place it on the countertop.
- 7) Unscrew and detach connector D (at red outlet) from the top of the boiler. If overtight, an adjustable spanner can be used to loosen.
- 8) If the 3/8" rubber seal (E) becomes detached from the red outlet wing nut connector (D) then reinsert the seal inside connector.

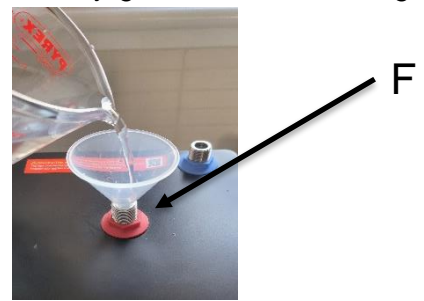


- F 9) Each sachet of descaling powder contains 200g. Using a measuring jug and spoon, stir the whole of the sachet with 300ml of cold water. Taking care, stir contents

until fully dissolved. Allow to sit whilst next steps are taken.

- 10) Tip the boiler upside down so that the boiler's centre outlet (F) is over the sink, you must empty the boiler as much as possible of water and any debris, tip the boiler back and forth to hear how much water remains inside if you are unsure.
- 11) Stir your descaling solution again - to check it is dissolved.
- 12) Place the funnel into the inlet (F) and slowly pour in 250ml of solution.

Take care to not to try to overfill too quickly as you may create an air lock. *Leave 50ml in jug for aerator descaling later.



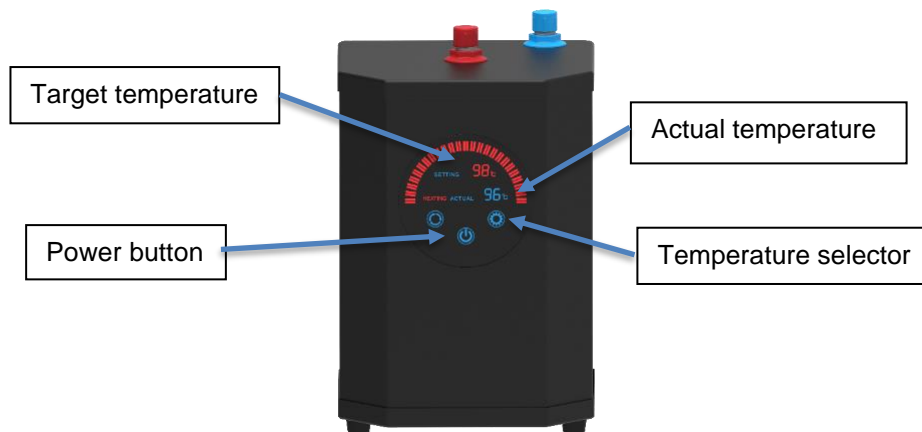
- 13) Place boiler back under sink and reconnect all the removed parts from the boiler in the reverse order listed above. CONNECTIONS SHOULD BE HAND TIGHTENED PLUS A ¼ TURN WITH A SPANNER.

NOTE – IF BOILER AUTOMATICALLY SWITCHED ON, USE POWER TO TURN BACK IN TO STAND-BY MODE.



TURN WATER SUPPLY VALVE BACK ON

- 14) Turn on the 98°C tap handle on, keep the handle on until you see water exit the spout of the tap then turn it off immediately. This may take a couple of minutes. CHECK FOR ANY LEAKS.
- 15) Press and hold the power button to activate machine, this will turn the boiler back on from “standby” mode.
- 16) Using the temperature selector - change the target temperature to **85°C**.



17) Wait for the actual temperature to display “**85°C**” onscreen. This may take few minutes.

18) Once temperature reaches **85°C** take note of the time and wait for 40 minutes for the descaling liquid to work. It is normal for an odour to be present during this time.

19) During the 40 minutes, remove the aerator from the end of the tap spout (see instructions on page 5 for details).

Note if the aerator is not removed you may block the aerator with partially dissolved scale, this must be avoided.

Turn the 98°C tap handle on fully, allow to run for at least 20 litres minimum (use a kitchen measuring jug) or until the water stream runs clear.

- 20) If dirt, debris or scale remain inside the tank / you notice a lot of scale still rinsing through towards the end of flushing out process we recommend you repeat the process steps 1-21 (as above) again if needed.
- 21) Should any residual taste from the descaling solution remain, flush additional water through the boiler until it subsides.
- 22) Once tank is fully rinsed, **reassemble** the spout aerator in the reverse order. See instructions on page 6 for details.

Aerator Instructions

If the aerator at the end of the tap spout contains debris or scale, then it will reduce the flow rate of the water and may cause more splashing when in use.

The aerator and its housing can be descaled using the remaining 50ml of descale solution saved earlier.

- 1) Unscrew and remove the aerator housing (A) anti clockwise (use rubber gloves if you need to get a better grip).
- 2) Whilst holding the spout centre tube (C) pull the aerator (B) away from the spout.
- 3) Place the aerator (B) and if required the aerator housing (A) into the remaining descaling fluid in the jug.
- 4) Leave the parts soaking for around 5 minutes
- 5) Clean the scale from the parts using a non-abrasive tool such as a toothbrush. If the scale is not cleared repeat step (4).
- 6) Once clean of scale and debris rinse the parts thoroughly in cold water.

- 7) When tank has been descaled and fully rinsed, the aerator can be attached back on tap.
- 8) Reassemble the parts in the reverse order, you must ensure aerator (B) is firmly pushed into the spouts center tube (C).

*Use the tweezers to get a grip on the tube if it has recoiled into the tap body.

