


PROBOIL.

Descaling Guide


The filter system provided with PROBOIL will help to prevent of the calcification (scaling) of the boiler. However it will be required from time to time that the PROBOIL will need to be descaled, drained and refilled to ensure the maximum energy efficiency and service life from the product especially in hard water areas. The frequency of descaling will depend entirely on your water hardness, **the suggested minimum descaling frequency is once annually.**


Descaling solutions can be obtained by contacting proboil.co.uk or by calling (+44) 01226 283434.


If the tank within the boiler becomes calcified it will lead to a reduction of both energy efficiency and temperature accuracy of the boiler. The boiler must only be cleaned using only genuine PROBOIL descaling solution to maintain your product warranty, other formulations may cause inadvertent damage.


 **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 this container or label.


Descaler Ingredients: Sulfamic Acid. Country of origin USA. See www.proboil.co.uk for further information and SDS.

 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.

 During the descaling process you will need to disconnect the boiler power. 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.

 If your boiler is calcified it is likely the filter cartridge is overdue replacement, if this is the case you should change the filter after descaling the boiler.

 In the event that the boiler is heavily scaled and following the above steps did not remove all the scale, repeat the complete descaling procedure.

 Take note of the time and wait for **no longer than 30 minutes maximum for the descaler liquid to work, the boiler temperature must not exceed 80°C during descaling.** It is normal for an odour to be present during this time.

Please now refer to your PROBOIL user guide for steps on how to descale your unit. If misplaced, you can also download this also via www.proboil.co.uk

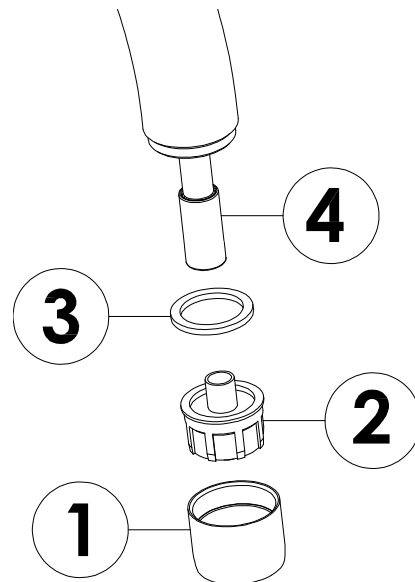
✂ If flushing or draining your descaled tank through your tap you must first remove the aerator. If the aerator is not removed you can expect to block the aerator with partially dissolved scale, this must be avoided by removing it.

✂ 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 and rinsed using ordinary white wine vinegar and water solution, do not use descaling solutions on the aerator case (1).

- 1) Unscrew and remove the aerator housing (1) anti clockwise (use rubber gloves if you need to get a better grip).
- 2) Whilst holding the spout centre tube (4) pull the aerator (2) away from the spout.

The method may vary depending on the model installed.

- 3) Place the aerator (2) and if required the aerator housing (1) into a small cup sufficiently filled with white wine vinegar and water (50/50 mix)



- 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 (3&4).
- 6) Once clean of scale and debris rinse the parts thoroughly in cold water.
- 7) Reassemble the parts in the reverse order, you must ensure the aerator (2) is firmly pushed into the spouts centre tube (4). Also make sure seal (3) is in place.

⚠ Should any residual taste from the descaler remain flush additional water through the boiler until it subsides.