

# PROBOIL.2

## Filter Replacement Guide

The filter system provided with PROBOIL will help to prevent the calcification (scaling) of the boiler and improve the taste of the water. Each installation has a different number of people using it, a different usage pattern and an individual water hardness “GB Clark rating”. Because of this you must judge for yourself if the filter needs changing or not, as no two installations are the same. We recommend replacing the filter at 6 months and a maximum life of 1 year, depending on usage.



Scan here to  
link to a video  
demo

### Installation preparation

**⚠ Before installing your new filter it is essential that you switch off the mains power to the boiler and wait 10 minutes for it to cool before continuing.**

**⚠ Using any filter type not developed and approved for use with this tap and boiler will invalidate your warranty.**

**⚠ When adding or changing the filter a small amount of residual water will remain in the system, so have a small bowl and dry cloth to hand.**

**⚠ Filters must be replaced at the recommended schedule noted on the filter label. Ensure you write the installation date on the label.**

**⚠ All parts should be removed from their packaging and inspected for any transport damage and that all parts are present prior to installation.**

**⚠ Ensure the left hand (hot water) lever is fully off and that no water is passing through and out of the tap spout end before commencing.**

### Filter installation

1. Ensure the boiler is powered off and the left hand (hot water) lever is fully off and that no water is passing through and out of the tap spout end before commencing.
2. Unclip the filter cartridge (C7) from the bracket (C6). Remove the pipes (C4) from both ends of filter (C7). To remove the pipes (C4) from the filter (C7) you must firmly push the small white ring on the very end of the filter (C7) towards the middle of the filter whilst simultaneously pulling the pipe (C4) away from the filter body (C7). It is normal for some water to be released when the pipes are removed.
3. Firmly push connect the ¼” pipe (C4) between pushfit (C3) and new filter cartridge inlet (C7), repeat this from the filter cartridge outlet (C7) to the boiler inlet (E1). You must respect the direction of flow as indicated on the label, visually check the ends of pipe (C4) are not worn before reconnecting.
4. Clip the filter cartridge (C7) into the bracket (C6) as shown.

### After installation of the filter is complete

1. Turn on the hot water handle fully, keep the lever open until all trapped air is expelled and cold (unboiled) water exits the centre channel of the tap spout, then flush a further 10 litres of cold (unboiled) water through the filter, boiler and tap. You may notice discolouration to the water at first. This is loose carbon fines from the filter, it is normal, harmless and will pass with flushing.
2. Whilst flushing as the system starts to refill, check carefully all new water connections for leaks. Once complete, turn off the left hand hot water handle.
3. This filter works best at an approximate flow rate of 2 litres per minute (with the left hand hot water handle fully turned on). This flow rate is determined by the specific incoming cold water pressure to your tap. The filter performance characteristics will be affected if the flow rate is not approximately 2 litres per minute.

4. To change the flow rate through the filter and boiler adjust the cold water isolation valve (B5 not shown, see tap installation instructions) using a slotted screwdriver, kitchen measuring jug and a watch whilst the left hand hot water handle is fully turned on.
5. Plug in and switch on the boiler, then wait until the water has finished heating fully.
6. After the filter installation is complete we recommend you recheck for any slower leaks.
7. Write the installation date of the filter on its label using a permanent pen.
8. Each time the product is used you should flush a small amount of boiled water through before use.  
Typically this can be used to preheat your cup. If unused for extended periods, then flush the product for a longer time.

## Parts and contents

Key	Description
A1	Mixer tap
C1	Cold out (to filter & boiler) flexible hose (including seal)
C2	3/8" M x 1/4" F adaptor
C3	1/4" NPT M x 1/4" pushfit
C4	1/4" outside diameter plastic pipe
C5	Filter bracket screw
C6	Filter bracket
C7	Filter cartridge
E1	Boiler
E2	Flexible boiled water output pipe

### Important technical and safety data

Min / Max Cold Water Pressure: 1.5 bar / 5.5 bar\*

\*Note: If these temperatures or pressures are exceeded, even for short periods, premature wear or damage can result.



The installation should be periodically checked for damage, if the property is left unattended for a prolonged period we recommend isolating water supplies and switching off the boiler at the mains socket. On reconnection, flush thoroughly.

### For boiler service:

Call: 02475 098475

Email: [service.request@proboil.co.uk](mailto:service.request@proboil.co.uk)

### For replacement filters visit:

[www.proboil.co.uk](http://www.proboil.co.uk) or call +44 (0) 1226 283434

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