

Issue 1 - The information hub is designed to provide - mainly technical - information relating to Water Coolers and Boilers, to assist you with your work

Scale!

Hard water affects around 60% of all UK postcodes, mainly - but not exclusively in the south of the country. Hard water, when heated, creates scale. Scale is the enemy of hot & cold water coolers and water boilers.

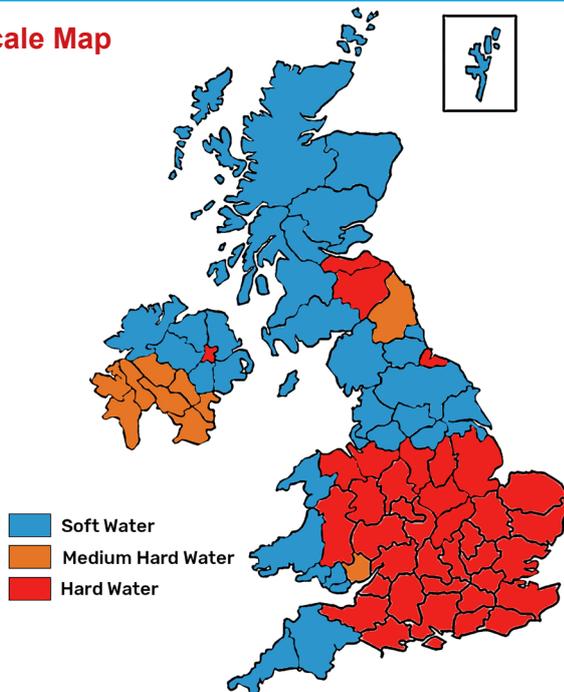
If you are in a hard water area, you must protect your equipment to stop scale from building up, and to prevent the machine malfunctioning and breaking down.

We have created a Post Code Scale Checker, which is available to use on our website [Click Here](#) it will tell you how soft or hard the mains water is at your installation site on a scale of 0-26. Just enter your postcode and check:



- 0 - 5 Soft Water - No Scale Filter
- 6 - 15 Hard Water - Resin Scale Filter, Highly Recommended
- 16 - 26 Very Hard Water - Must Use A Resin Scale Filter

UK Scale Map



BRITA Scale Filters



The build up of Scale depends on:

1. The hardness of the mains water
2. The temperature of the hot water
3. The amount of hot water used

Scale Prevention

The only protection against Scale is to use a Resin Based Scale Removal Filter, such as the Brita range (Carbon Block Filters with Siliphone Beads do not work!) Resin Based Scale Removal Filters are often significantly more expensive than conventional Carbon Block Water Filters, plus they have a limited life. They are “consumed” by the amount of cold water passing through them. This means that:

1. You have to select the right capacity filter for the amount of water used
2. You would want to limit the use of the Resin Filter for the Hot Water Boiler Only. This is often not possible for conventional Hot & Chilled Water Coolers, and regular de scaling is therefore the only option.
3. Our latest models of Hot & Chiller Water Coolers have separate water inlets to the Hot side and to the Cold side, offering the option of connecting a Resin Scale Filter to the Hot side and a cheaper Carbon Block Filter to the Chilled side.

To check how hard or soft the mains water is at just visit our website <http://www.aafirst.co.uk/postcode-scale-checker> alternatively just click on the button below.

[Check Your Postcode](#)

