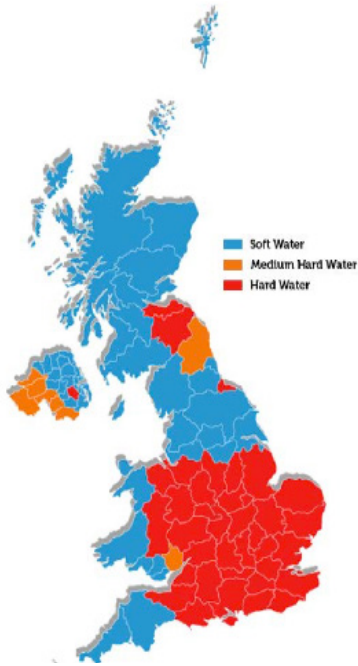


Issue 10 The information hub is designed to provide - mainly technical - information relating to Water Coolers and Boilers, to assist you with your work

Beating Scale with the EZYTAP Undersink Boiler



Hard Water creates Scale when heated, which will result in a Boiler Breakdown.

The production of Scale depends on three factors:

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

Varying capacity resin scale removal filters from Brita



Installing the EZYTAP in a Hard Water area

The EZYTAP has two separate mains water inlets. One to connect to the Ambient/Chilled side and the other to connect to the Boiler side. This allows you to connect the Boiler to a Resin Based Scale Removal Filter, and the Ambient/Chilled inlet to a cheaper Carbon Filter (see Installation Diagram)

Unfortunately, Resin Filters are about 10 x more expensive than Carbon Filters. The temptation therefore is to use a cheaper Carbon Filter with Siliphos Beads (sometimes sold as Scale Filters). However, our tests have shown that they do not do the job!

There is another complication with Resin Filters. They get "consumed" by the amount of water passing through them. This is why the EZYTAP has two separate mains water inlets – to allow you to connect a cheap Carbon Filter to the Ambient/Chilled side and use the expensive Resin Filter only for the Hot Water. Should you nevertheless have to deal with a Scaled Up EZYTAP Boiler, you can open it by removing just a few screws, to get complete access.



The EZYTAP boiler can be opened for descaling and servicing

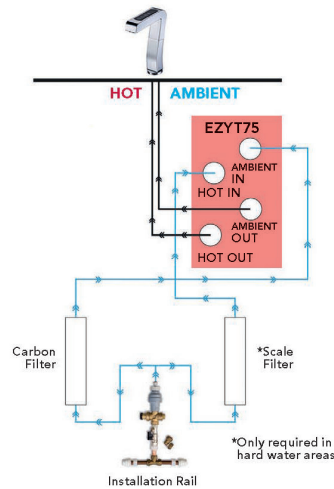
Installing the EZYTAP in a Soft Water area

You simply connect both water inlets to the EZYTAP to a single Carbon Filter (see Installation Diagram)

Installation Diagram

Hard water area

Scale removal filter for the boiler and carbon block filter for the ambient side



Soft water area

Simple carbon block filter for the boiler and for the ambient side

