

## Domestic pH Correction Filter

### Benefits



- No More... Blue Stains on Baths or Sinks
- No More... Green Hair
- No More... Tooth Damage from Hot Drinks
- No More... Metallic Taste
- No More... Copper in Water
- Extended... Hot Water Cylinder Life



### Neutralising filter for acidic water

Acid water results in corrosion of pipework, heating cylinders and equipment. The copper is dissolved out of the plumbing and is deposited as blue stains on fittings and fixtures. As heat speeds up chemical reactions, you may see more staining on the hot tap. Any iron and manganese present will result in poor tasting water, in addition to staining baths, basins and any appliances a red or brown colour.

### Natural Treatment

A pH value below 7 is considered to be acidic, and corrosion accelerates at pH levels below 6.5, with levels below 6.0 considered to be extremely aggressive.

### Overall Dimensions of manual upflow domestic units

Height x Diameter: 1040 mm (41") x 203 mm (8")  
OR

740 mm (29") x 254 mm (10")

### System Alternatives

There are two systems available:

Manual upflow with no media backwashing and therefore access to a suitable drain nearby is not required. This is our most commonly sold system for domestic houses.

Automatic backwashing alternative is required for various different reasons such as the presence of elevated levels of iron and manganese, where these contaminants need to be flushed to waste or for properties with extended periods of non residence to keep the media inside in good

### The Filpumps System

The simplest and safest way to raise the pH is to run the water through a vessel containing a bed of specially prepared limestone. This contains calcium and magnesium minerals, which are the salts found in waters of pH greater than 7.0. The limestone gradually dissolves increasing the pH level of the water.

Once this has taken place, the water is less able to dissolve the metal from copper or lead pipes and fittings. As the limestone is used up, it will need refilling periodically. Refilling is straightforward as the media is inert and easy to handle.

The limestone media used in the acid water treatment filter will also remove any particles of sand or silt occurring in the water. To avoid the unnecessary build up of these contaminants in the limestone media, we would strongly recommend the use of a cartridge prefilter.

For further details on suitable prefilters and pH back-wash dimensions please do not hesitate to contact our sales team.