

pH Correction

Water with a pH below 7 is classed as acidic. Acidic water corrodes the copper pipe-work and heating systems found in domestic and industrial plumbing systems. The copper dissolves and is deposited on fixtures and fittings leaving unsightly green stains. Raising the pH will neutralise the water, preventing further corrosiveness and removing the metallic taste.

pH Correction Filters



Over the years our range of pH Correction Filters has been developed to suit Irish well waters. This system is designed to raise the pH of water as it passes through a vessel containing slowly dissolving calcium and magnesium media. This media slowly dissolves into the water 're-mineralising' the water and naturally raising the pH. The water can be simply passed through the media through an in/out head or through an automatic backwashing filter head as illustrated. The backwashing head has the advantage of preventing 'cementing' of the media, remixing the media and also removing any sediment or iron or manganese, which may have been oxidised out of solution as the pH increases. With a pH below 6, a stronger mix of media is recommended with a backwashable head. Below are some of the pH options available:

Vessel Size	10 x 44	10 x 54	13 x 54	16 x 65
Valve Type	263-740	263-740	263-740	263-740
Service flow rate - m ³ /hr	0.5	0.7	1.3	1.9
Backwash flow rate - m ³ /hr	1.6	1.6	2.3	3.4
Inlet / Outlet Connections	¾ "	¾ "	1"	1"
Drain line connection	¾ "	¾ "	¾ "	¾ "

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