

Limescale sucks...
energy and money

HydroFLOW
stops limescale!

Shown approx life size without power supply

Randomly varying electric fields are induced into the water. These fields propagate through the water in the entire plumbing system.

The fields treat the water both up and down stream and will be transmitted into the central heating system to treat the primary water.

The treated water is normally able to dissolve existing scale in just a few months.

Simply fit 'n' forget!



Your partner when it comes to reliability and service!

Dolphin Technical Group BV
Meinsmasingel 18
7207 CT Zutphen
Tel. +31(0)575-503121
Fax +31(0)575-503771
M +31(0)612759334
E Group@dolphin-ta.com
I www.dolphin-ta.com

Dolphin Technical Advices BV

Proven technology with

*Hydro***FLOW**TM

- *Prevents scale formation*
- *Treats the system both up and down stream*
- *No plumbing required*
- *Cuts heating costs, conserves energy*
- *Removes scale*
- *Extends equipment life*
- *Easy to install*
- *Maintenance free*
- *No chemicals*
- *Economic to operate*

HYDROPATH
TECHNOLOGY



PATENTED

*Clip on - switch on -
and say goodbye to limescale!*

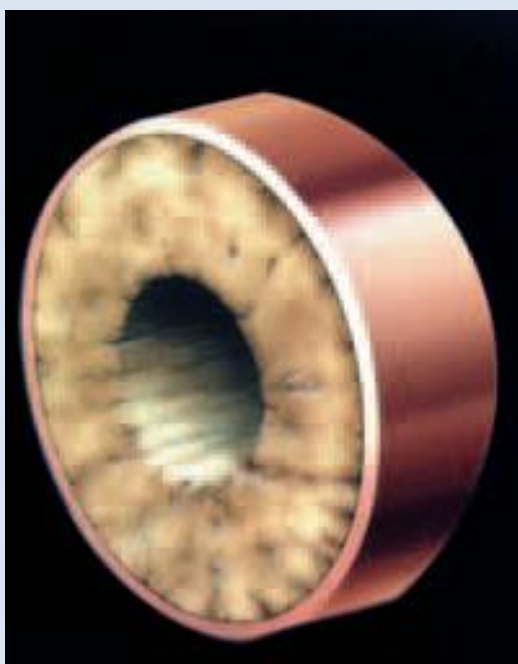


Hydropath's patented water treatment technology, fitted as standard in the **HydroFLOW** HS-38 has a proven track record and consistent sales in the world market since 1995.

HydroFLOW prevents scale build up and will in most cases also dissolve existing scale. It works independently from flow rate and temperature, is consistently effective, reliable and maintenance free.

How it works

Randomly varying electric fields are induced into the water. These fields propagate through the water in the entire plumbing system, The result is the production of nuclei everywhere in the water system. When the water is heated the resulting precipitate that usually deposits on hot surfaces, grows in suspension and develops as a crystal on the nuclei and is then washed away in the flow. The fields treat the water both up and down stream and will be transmitted into the central heating system to treat the primery water.



The effects of lime scale

Lime scale builds up in heat exchangers, pipes, pumps, boilers and appliances connected to the system. This usually results in reduced flow rates, Loss of efficiency and early failure of components.



Your partner when it comes to reliability and service!

Dolphin Technical Group BV
 Meinsmasingel 18
 7207 CT Zutphen
 Tel. +31(0)575-503121
 Fax +31(0)575-503771
 M +31(0)612759334
 E Group@dolphin-ta.com
 I www.dolphin-ta.com



Clip on –switch on – and say goodbye to limescale.

Yes it's that easy –no more choked pipes, boilers or water systems.

Simplicity itself, one unit for all sizes of domestic pipes – without plumbing.

No maintenance – no chemicals – simply fit and forget.

Just watch the activity light, the unit is protecting the system 24 hours a day.

Works up and down stream – even when there's no water flow.

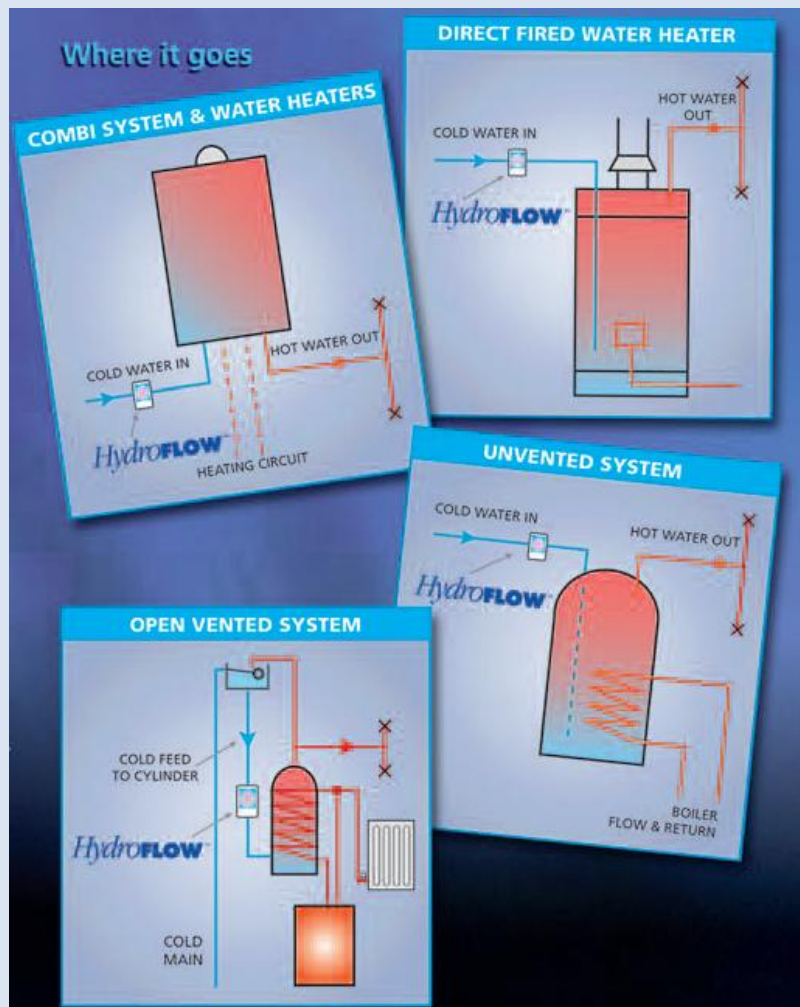
Low running costs, less than 90 pence per year.

Soon pays for itself by fuel saving.

Extends the life of the entire plumbing and heating system.

1 year fit for purpose warranty and 3 year guarantee.





Installation.

The compact unit fits all types and sizes of domestic pipes and is designed for easy installation. Simply clip on, plug in and switch on. Preferably installed on the cold feed to the domestic hot water cylinder in a traditional system (usually in the airing cupboard), and to the cold water feed to a combi boiler etc.

The power supply options available are:

HS38A – This has an in-line power supply without a plug.

This should be wired into a fused spur by a qualified electrician.

HS38B – This has a plug-in style transformer and can be plugged into a suitable nearby outlet socket.

Hydropath also offer supply adaptors for worldwide installation.

The HS38 patented technology has been tested and used by British Gas, also installed as an OEM by leading boiler manufacturers.

Specifications.

Certified to the requirements of ISO 9001:2000.

Activity monitor light operated by feed back to show correct operation. Reliable solid state circuits.

12 VAC. 100ma. Maximum power 1,2 watts.

Weight approx. 175 grams. H: 110 x W: 67 x D: 30 mm.

Hydropath retain the right to alter the specifications without notice.

Product overview

Is lime scale your Problem?

Again and again Hydropath offers environmental benefits, costs saving solutions, by use of patented technology in the heating and ventilation industry plus all other fields of water treatment.

Hydropath has well over a decade's experience, with domestic and commercial applications effectively combating lime scale throughout the world.

The products' patented technology works by emitting randomly varying electric fields throughout the system to ensure suspended calcium ions do not adhere to pipe work or internal surfaces. Hydropath products offer costs savings and superior environmental benefits, realistic alternatives compared to chemical water treatment.

Hydropath's range of water conditioners are easy to install and require no cutting of pipe work.

Hydroflow HS38

Designed and developed for domestic plumbing systems, to protect against limescale build up. Limescale reduces the efficiency and longevity of your boiler, and increases energy cost hence incurring a cost to the environment too.

Limescale is formed when there is a pressure or temperature change, which then allows it to adhere to surfaces i.e your boiler's heat exchanger. Hydropath technology works by emitting random varying electric fields induced into the water, causing limescale to form in suspension, which is then washed away with the flow.

DOMESTIC

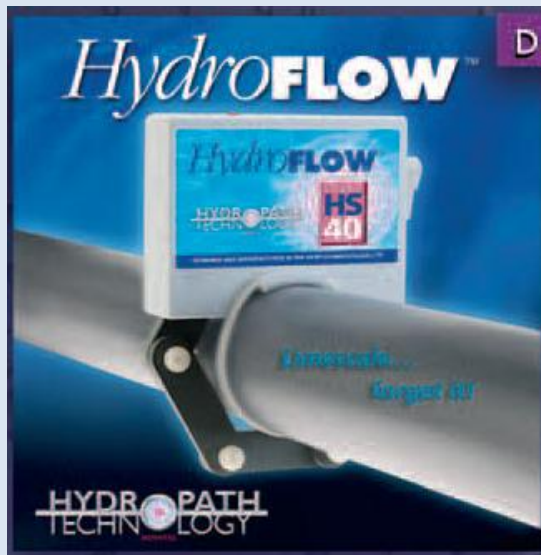
HydroFLOW™



The breakthrough in electronic water treatment

HYDR PATH TECHNOLOGY

Limescale... forget it!



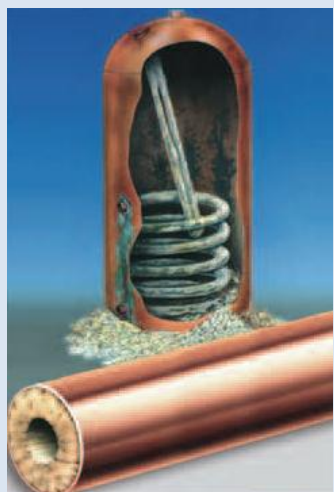
DOMESTIC

Hydroflow HS40

The HydroFlow HS40 was designed specifically for the United States domestic market.

There was demand to directly replace water softeners in customer's homes with a chemical free alternative.

The HS40 fits all US plumbing systems.



- Improved Water Quality*
- Prevention of Scale Formation*
- Removal of existing scale build up*
- Kills bacteria*
- Reduced maintenance*
- Guaranteed for three years*
- Contains no moving parts*
- Non evasive, fits around pipework*
- Easy to retrofit*

DOMESTIC & COMMERCIAL

SpaKlear

Designed and developed to meet the demands of commercial spas.

In addition to the significant increase in water quality, and environmental benefits, it also reduces the build up of Bio-film within the pipe work



DOMESTIC & COMMERCIAL



AquaKlear J62

Designed and developed specifically for the domestic swimming pool.

The pool handler and bathers will receive all the benefits of Hydropath patented technology as with the commercial AquaKlear.

AquaKlear works by transmitting a signal into the water, the unit flocculates particles in the water and causes them to rest near to the top of the water filter, rather than penetrating deep within it. AquaKlear is easy to install as a retrofit.

Hydroflow C Range

Designed for the commercial and industrial market who experience the many and major detrimental effects of limescale. The unit is fully encapsulated, and the transducer unit can also be installed outside if the application requires. There are five standard commercial 'C' Range units covering 45mm – 200mm OD.



AquaKlear P Range

Designed for the commercial swimming pool AquaKlear provides positive benefits for both the pool operator and for the bather. Benefits include reduced water and effluent charges, lower chemical usage, reduced energy costs, improved water quality, reduction in chloramines and THM, reduction in bacteriological readings, and the build up of algae and scum lines. The pool handler will note significant reduction in the duration of backwashing, and where required, reduced backwashing frequency. The quantity of water during the backwashing process is cut by half.



For more information about the different applications please contact:

Dolphin Technical Group BV

Meinsmasingel 18

7207 CT Zutphen Netherlands

Tel. +31(0)575-503121

Fax +31(0)575-503771

M. +31(0)612759334

E. group@dolphin-ta.com

Dolphin Technical Advices BV