HydroFLOW®

LIMESCALE PROTECTION
COMMERCIAL HEATING AND COOLING

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HYDROPATH Technology | The home of HydroFLOW®

LIMESCALE PROTECTION FOR COMMERCIAL BUILDINGS

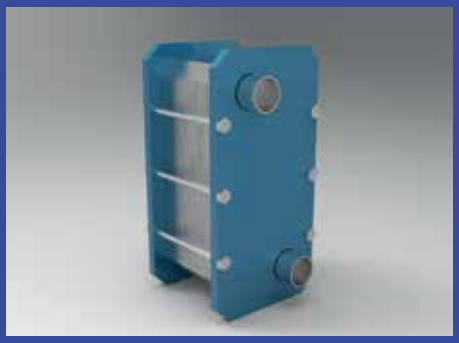


HVAC systems frequently experience problems due to the build-up of hard limescale, leading to an increase in energy costs. Limescale can also cause blockages, impair valves or pumps and cause unsightly deposits on bathroom fittings, increasing maintenance time and costs.

HydroFLOW® electronic water conditioners offer a chemical-free approach to treating both existing and new limescale. They are an alternative to water softeners with the benefit of no ongoing replenishment costs, and the treated water remaining potable.

A single HydroFLOW® unit can cover an entire system with its unique cluster-forming signal that travels through the plumbing network covering both hot and cold services, in order to protect shower, taps and fittings (making them easier to clean) as well as cylinders, boilers and heat exchangers.







CASE STUDY

HOLIDAY HOMES, FRANCE

PROBLEM
A set of Holiday Homes in Bergheim, France, utilised four 3000l cylinders with electric heaters to supply hot water.

The cylinders filled up with about 200kg of limescale/ yr that needed to be removed, with approximately 5cm thick limescale on the electric heaters causing them to regularly burn out.

RESULTS
With HydroFLOW® installed, limescale in the cylinders was reduced to less than 10kg/ year of fragile powdery scale, reducing maintenance costs by more than 50%. The scale on the electric heaters was reduced by more than 95% and they remained operational, saving their replacement costs as well as maintenance and wasted energy.





OUR CUSTOMERS SAY

"The risk of biological contamination (such as Legionella) is greatly reduced with a clean water system. My doubts about the functioning of the HydroFLOW® were dispelled and I was confident 100%"

Managing Owner, Plaza Hotel, Belgium.

"Within a few weeks the drinking fountain had started to clean up. Over a month or so the shower valves became much easier to operate, and the water flow has improved dramatically. We would highly recommend the use of HydroFLOW® to anyone who has limescale issues"

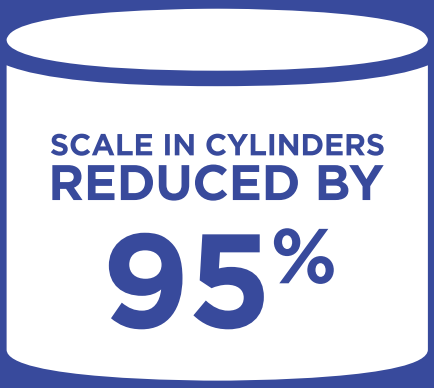
Fire Chief, Sharonville Fire Department, USA.

RESULTS



MAINTENANCE REDUCED BY

50%



SCALE IN CYLINDERS REDUCED BY

95%



EFFICIENCY SAVINGS

50%

DESIGNED FOR

NEW LIMESCALE

EXISTING LIMESCALE

FEATURES

- Suitable for all pipe materials
- Available for pipes up to 200mm as standard
- No plumbing or cutting of pipes required
- Easy retrofit – no downtime

APPROXIMATE DIMENSIONS

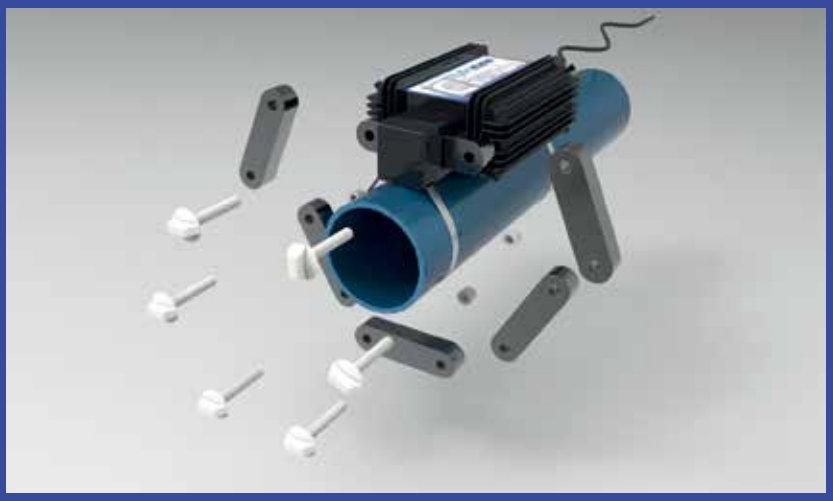
- 300 x 200 x 100 mm
- 3 meter cable

TYPICAL INSTALLATION LOCATION

- Cold feed to hot water cylinder, heat exchanger or direct fired boiler
- After pumps
- See diagram

FURTHER INFORMATION

For more detailed guidance on specification, installation or other information, please contact sales@hydropath.com or your local representative.





FROM COMBI BOILERS TO COOLING TOWERS

HydroFLOW® units are working all over the world on multiple applications, treating carbonate and non-carbonate scaling and filtration issues in a wide variety of industries. Check out our website for more information.

- **From homes to heavy industry**
- **From spas to steel mills**
- **Suitable for any pipe material**
- **From 15mm to 1500+mm OD pipe diameter**



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LIMESCALE BIOFOULING FLOCCULATION