

# Hydropath

*Cost savings and environmental benefits for a wide range of water applications in areas such as the pool industry, the agricultural sector and heavy industry settings.*



**WATERTEC**  
ENGINEERING

# Introducing HydroPath

Reducing limescale and preventing biofouling with a chemical-free solution sounds almost too good to be true but with HydroPath, it's not only possible, it's also super easy.

With products to protect boilers, pipes, pumps, and other water appliances, HydroPath provides the ultimate in water care technology to global business, industry and consumers.

HydroPath, unlike other water treatment devices, doesn't use magnets or coils wrapped around the pipe. Instead, we use a unique patented technology to apply an electrical field to the pipe and the water contained within. Using electrical transformers, HydroPath is a cost-effective, energy-saving, green solution for conditioning water.

From the most challenging of industrial environments to the smallest household, HydroPath provides 24-hour protection for water systems all over the world.

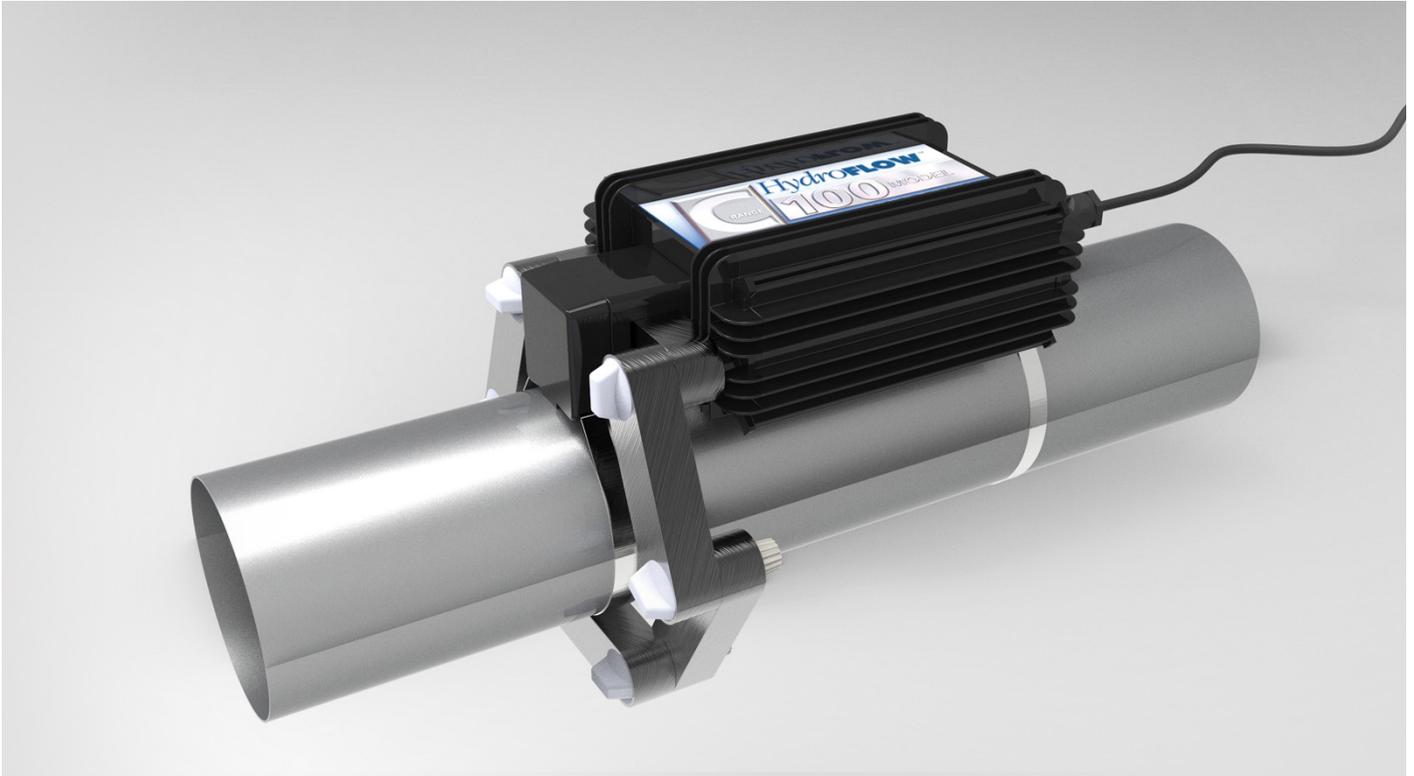
## Fighting limescale

The HydroPath technology is primarily used to fight limescale, which typically causes major problems in hard water areas, such as causing blockages, requiring replacement of equipment, and decreasing heating efficiency and thereby increasing costs. Did you know that just 0.8mm of limescale can decrease heating efficiency by as much as 10%? If you are in charge of any water equipment at all, you understand the implications of loss of efficiency. By using your own HydroPath unit, you can:

- increase efficiency
- improve filtration and water quality
- control biofouling
- reduce existing limescale
- prevent new limescale



# Commercial and light commercial range



- ✓ Prevents and reduces limescale
- ✓ Improves water quality
- ✓ Standard sizes up to 200mm in outside diameter

The cRange is designed for limescale protection for heating, ventilation and plumbing services in offices, schools, hotels and other commercial buildings. Limescale build-up on boilers and on heating and cooling equipment can reduce overall efficiency and also lead to expensive and time consuming maintenance or premature equipment failure.

- Prevents hard limescale encrustation
- Reduces existing limescale over time
- Suitable for commercial boilers, heat exchangers and cooling systems

The cRange is designed to offer a chemical-free alternative in addressing the effects of new and existing hard limescale encrustation and can be applied to protect cold service equipment such as sinks and taps as well.



✓ Prevents and reduces limescale

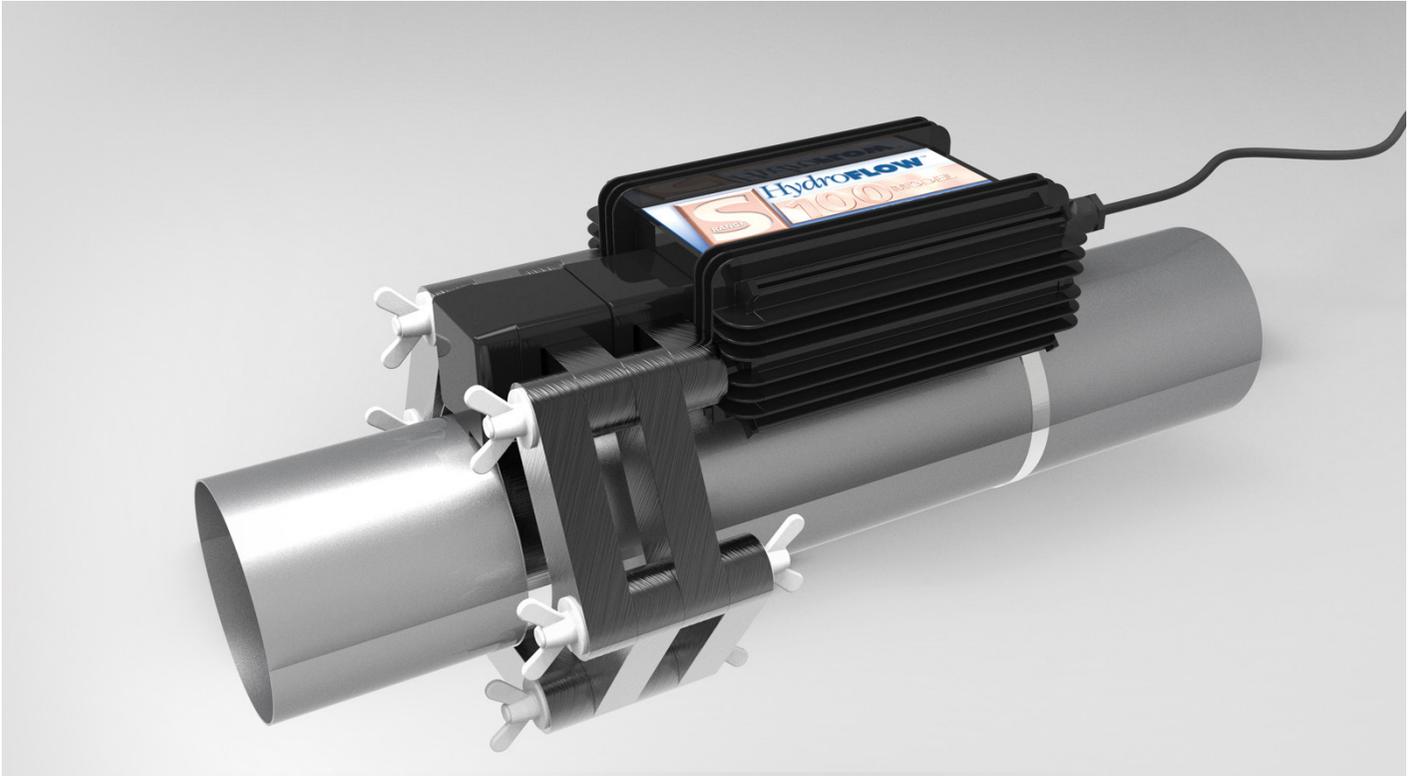
✓ Improves water quality

✓ Standard sizes up to 120 mm in outside diameter

Designed for challenging applications in industrial environments, the iRange provides a range of water treatment benefits, including limescale protection, flocculation and biofouling control.

- Improves water quality
- Prevents and removes hard limescale
- Higher power for challenging industrial environments

The iRange is designed for more challenging applications in industrial environments, which may suffer from a range of water treatment issues. It features an integrated power supply, is fully waterproofed, and is designed for ease of connection to mains power and building management systems.



✓ Prevents new limescale

✓ Reduces existing limescale

✓ Standard sizes up to 120 mm in outside diameter

The sRange is designed specifically to deal with limescale in high-pressure steam boilers. It enables the use of untreated water for the steam boiler – straight from the mains or the borehole.

- Prevents hard limescale encrustation
- Reduces existing limescale over time
- Suitable for high pressure steam boilers

The sRange targets the effects of new and existing hard limescale encrustation. When connected to a hard water supply, the sRange eliminates hard scaling on boiler tubes and clears up existing scale gradually.



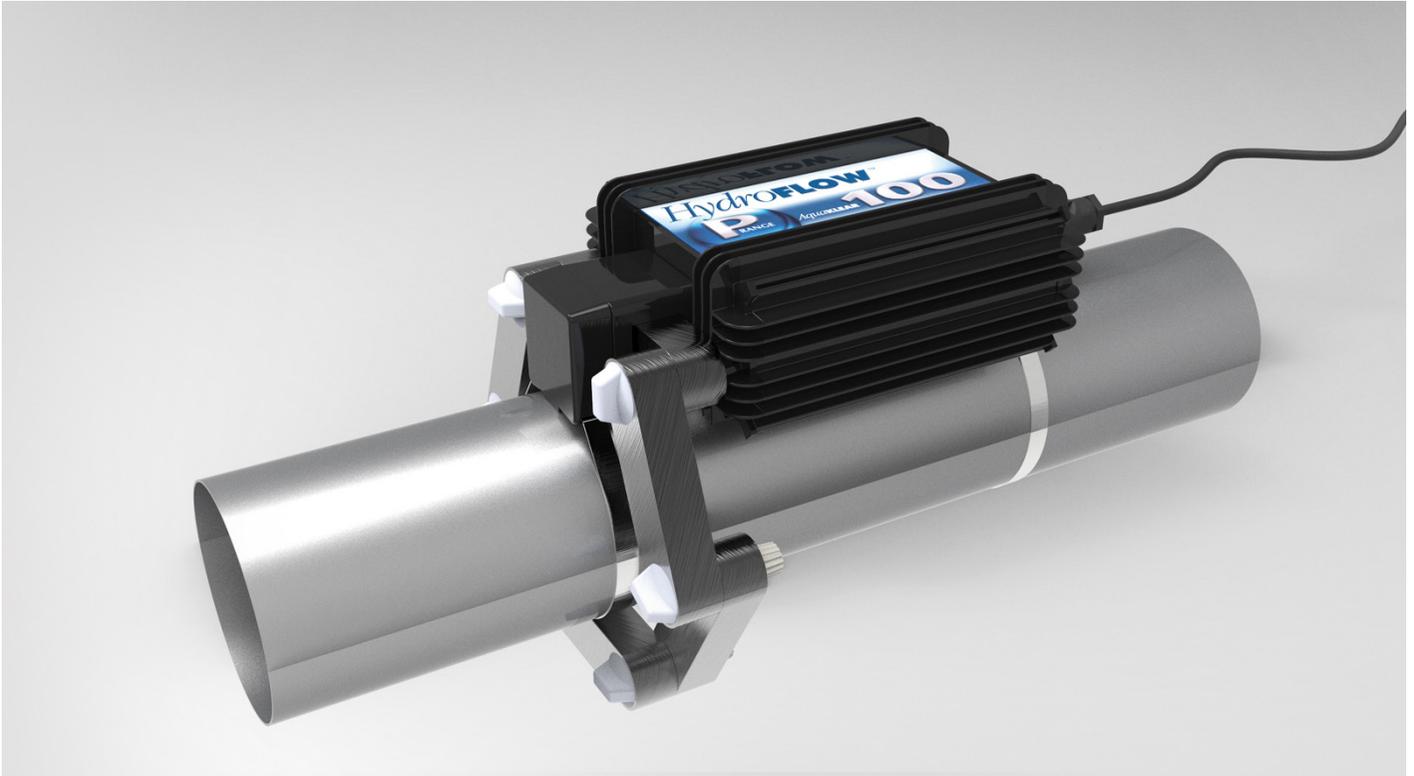
✓ Prevents new limescale

✓ Reduces existing limescale

✓ Standard sizes up to 38 mm in outside diameter

The s38 is for use in low-pressure steam boilers, steam ovens and steam rooms and for humidifiers and evaporators. Protecting these appliances from limescale build-up and removing existing limescale can reduce maintenance and replacement costs and improve their efficiency.

The s38 fits around pipes of up to 38mm, is suitable for all types of pipe material and works independent of flow rate. The s38 is designed to offer a chemical-free alternative in addressing the effects of new and existing hard limescale encrustation.



✓ Biofouling control

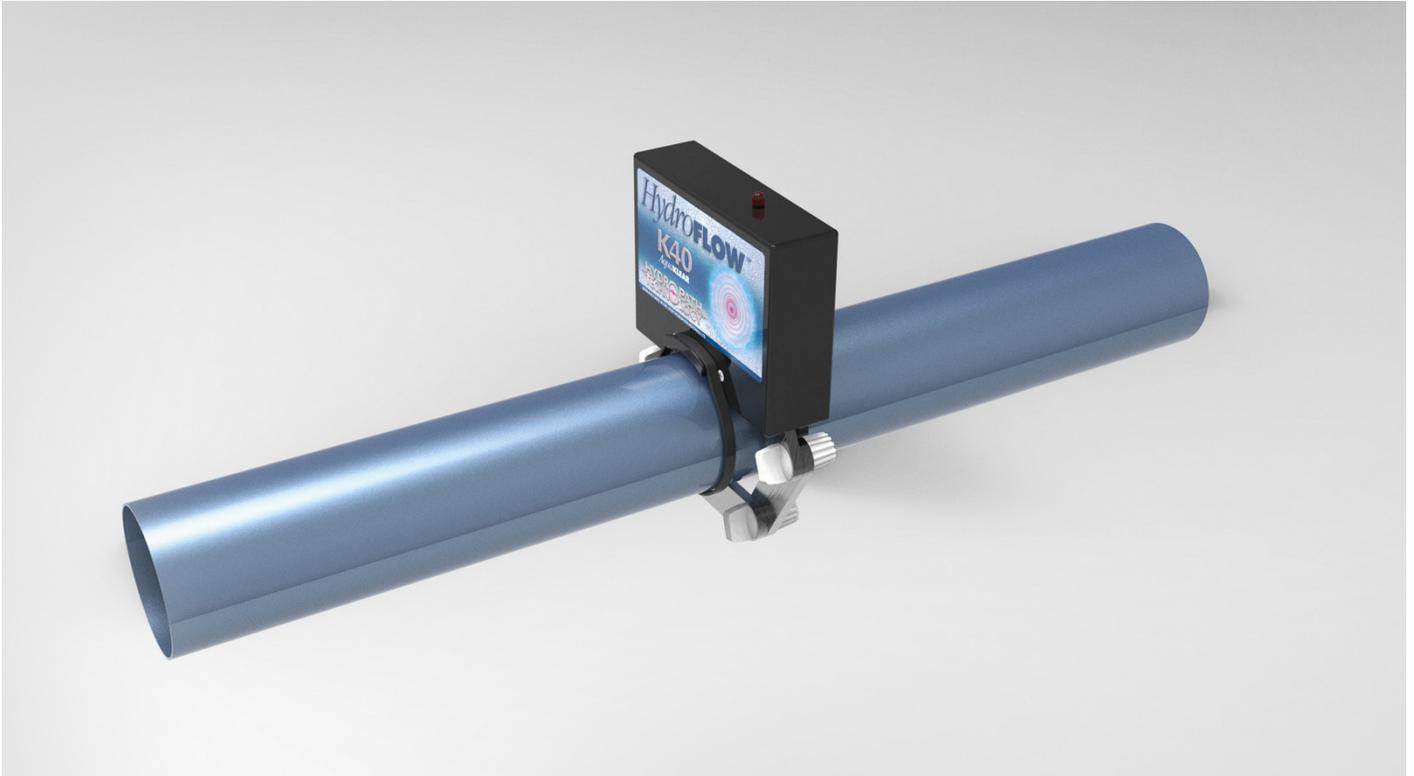
✓ Improved filtration

✓ Standard sizes up to 200mm in outside diameter

Designed to improve water quality in both swimming pools and cooling towers, the pRange Aquaklear reduces chlorine smell, bacteriological levels and lowers chemical usage. It also flocculates material, improving filtration and reducing backwashing, leading to lower energy, water and effluent charges.

- Reduces bacteria levels
- Improves filtration for lower turbidity and reduced backwash
- Suitable for commercial pools and cooling towers

In cooling towers, the p Range reduces the amount of make-up water required and improves water quality. Preventing and removing limescale on heat exchangers and the tower itself reduces maintenance costs and improves their overall efficiency.



✓ Improves water quality

✓ Reduces chlorine levels

✓ Standard sizes up to 63mm in outside diameter

The k40 is designed to improve the water quality of pools, hot tubs, spas, water features, and other related applications. Reducing bacterial levels and improving filtration in pools etc. leads to clearer and more pleasant water and a reduction in maintenance regimes and associated costs and a reduction in backwash.

The k40 has a range of benefits designed to make your system cheaper and easier to maintain, and more pleasant to use. The k40 will reduce maintenance time and costs, and increase the efficiency of the system. The unit can be fitted around pipes of up to 63mm diameter and of any material with no plumbing required.

A blue-tinted photograph showing water being poured into a sink drain. The water is splashing and creating ripples. The drain is circular and has some debris inside. The text "Domestic range" is overlaid in white, bold, sans-serif font in the center of the image.

**Domestic range**



✓ Prevents new limescale

✓ Reduces existing limescale

✓ Standard sizes up to 38mm in outside diameter

Designed to protect domestic plumbing systems against limescale build up, the HydroFLOW hs38 is suitable for houses of up to four bedrooms to protect combination boilers as well as vented and unvented cylinders.

The hs38 prevents hard limescale deposits on heating surfaces, protects equipment such as dishwashers and washing machines and makes limescale staining on taps and sinks easier to clean.



✓ Prevents new limescale

✓ Reduces existing limescale

✓ Standard sizes up to 63mm in outside diameter

The larger and more powerful hs40 is designed for domestic systems and is especially suitable for homes with multiple bathrooms.

The hs40 is designed to offer a chemical-free alternative in addressing the effects of new and existing hard limescale encrustation on plumbing systems and the impact that this hard limescale has on the efficiency of and longevity of boilers and their increased energy usage.

# Introducing Watertec Engineering

**Watertec Engineering is a Brisbane-based technology-orientated organisation involved in most aspects of municipal, industrial and recreational water treatment.**

We believe the world is a very fragile environment, and a greater emphasis has to be placed on water and energy in the future. The requirement for clean water in the world is growing continuously and we are looking at providing solutions to make water cleaner, at the highest quality and also the most cost effective way.

To do our part for the environment and for any player in the water technology industry, we are proud to offer Hydropath products as part of our range. Whatever your needs are in term of water conditioning and management, we have the appropriate solution for you. We do this by applying the very best in scientific understanding and discovery, leading product innovation, proven application and unrivalled service, tailored to our customers. With us, you can increase efficiency, improve filtration and water quality, control biofouling and on top of this, reduce existing and prevent new limescale.



# CONTACT US

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