

*Hydro***FLOW**
BY HYDROPATH®



FOOD INDUSTRY

Water Treatment Solution

Enhance Food Industry Efficiency with HydroFLOW®.

Tackle limescale and biofilm to boost efficiency, cut maintenance costs, and reduce chemical and water usage. This eco-friendly, easy-to-install solution ensures smooth operations and maintains high hygiene standards in food production.

⊗ **Limescale** ⊗ **Biofouling** ⊗ **Flocculation**



Sustainable Cleantech for H2O Treatment

Water Treatment for Food Industry

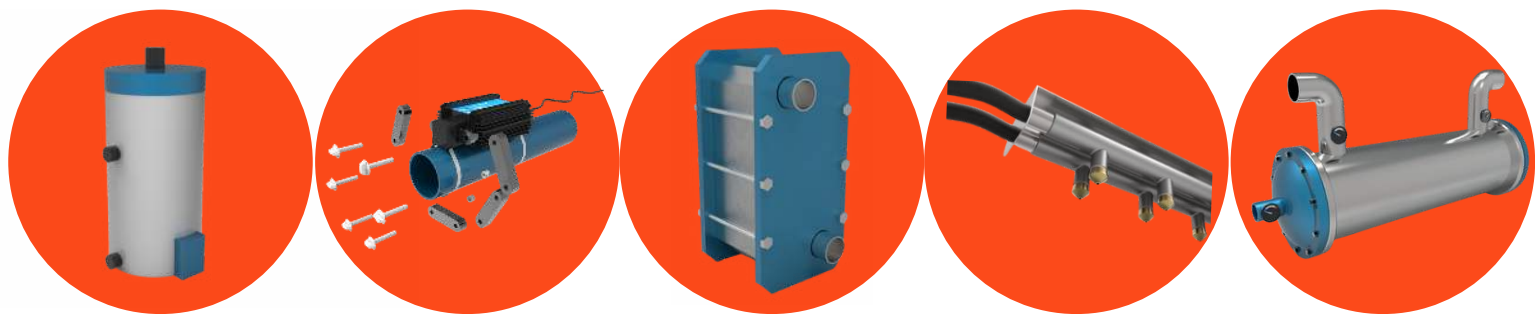
Why Choose **HydroFLOW®**?

Enhance Food Industry Efficiency with **HydroFLOW®**








The food industry faces challenges like limescale build-up, biofilm formation, and high-water usage, all affecting product quality and operational costs.

HydroFLOW® Offers a Better Solution:

- **Ensures Clean, Efficient Equipment:** Keeps machinery clear of limescale and biofilm, promoting smooth operation and reducing
- **Easy, Non-Disruptive Installation:** Retrofits effortlessly without downtime or system modifications, ensuring continuous operation
- **Controls Biofilm & Algae:** Minimises microbial growth without chemicals, keeping production cleaner and safer.
- **Non-Contact, Non-Chemical Treatment:** Operates without touching the food directly, maintaining product safety standards
- **Cost-effective & Eco-friendly:** Provides an economical, sustainable alternative to chemical treatments, maintaining high hygiene standards.



OUR INNOVATIVE SOLUTIONS

-  **Suitable for all pipe materials**
-  **Available for pipes up to 200mm as standard**
-  **No plumbing or cutting of pipes required**
-  **Easy retrofit - no downtime**
-  **Typically installed on the cold inlet to heat exchanger**
-  **300 x 200x 200 mm unit dimensions**
-  **3 meter cable**





CASE STUDY

MCCAIN FRIES FACTORY,
LEWEDORP, ZEELAND, THE NETHERLANDS

In 2009, *HydroFLOW*® units were installed at the McCain Fries factory in Lewedorp to address severe limescale issues in their hot water system, which operated at approximately 80°C. The high temperature caused rapid scaling, leading to frequent maintenance, including servicing high-pressure pumps every 500 working hours and performing acid cleaning on parts of the system up to twice a year.



RESULTS

The *HydroFLOW*® units dissolved existing limescale and prevented further build-up, significantly improving system efficiency. Maintenance intervals for high-pressure pumps increased from 500 to 1,500 working hours, and acid cleaning was completely eliminated within three years. The factory experienced substantial reductions in maintenance time, costs, and operational disruptions.

TESTIMONIAL

“Look, I’m not going to declare the [*HydroFLOW*®] units miraculous... but I cannot otherwise explain why this has all changed in our favour.”

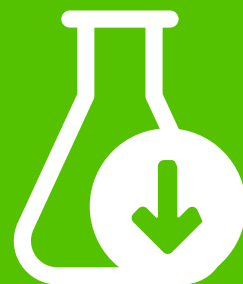
Executive Manager, McCain Fries Factory, Lewedorp

RESULTS

**NEW
SCALE
PREVENTED**



**EXISTING
SCALE
GRADUALLY
REMOVED**



**CLEANING
CHEMICAL
ELIMINATED**



**MAINTENANCE
REDUCED BY
67%**

WHO ARE HYDROPATH?



Founded in 1992 by Dr. Danny Stefanini, Hydropath Technology are a leading innovator in electronic water conditioning solutions. Specialising in the maintaining of limescale and treatment of biofouling, our chemical-free solutions are designed to enhance the efficiency and longevity of water systems. Based in Nottingham, UK, we have grown from a small family-run business into a global leader with a robust network of distributors and clients worldwide.



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.

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

Would you like a free consultation?

CONTACT US

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Hydropath
Technology Ltd



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