



HQ-WATER PURIFICATION

& HQ-IRON OUT



HQ-Water Treatments

We have been purifying water for more than 20 years. Our wide range of HQ-Water Purifiers are available for various water treatments. HQ water treatment plants are used in many sectors such as; agriculture and horticulture, car wash, industry, (garden) irrigation, swimming pools, residential use, etc.

The various treatments can specifically address 1 element in the water or combined treatments where several elements are treated simultaneously. HQ-Water Purifiers are available for treatments of: Iron, hardness (Lime), Manganese, Ammonium, Nitrate, Nitrite, heavy metals, odours and colours, filtering, Ph-Correction, disinfection, etc.* All our purifications are available in various sizes and versions, from 500 ltr/hour to >20 m³/hour. Depending on your water quality and required treatment, we can provide you with a tailor-made installation.

There are various models of flushing heads for controlling and recording the water consumption that automatically backwash the purifications with easy and clear operation, available in all connection sizes from $\frac{3}{4}$ " to 3". The flushing heads are made of robust plastics with little wear and easy maintenance. These can be connected to each other, so that clean water is always available when one appliance is flushing. The connection of the coil heads is universal. One model fits on various tanks, so that plenty can be combined according to capacities and dimensions.

HQ-OXY Iron Out

The HQ-OXY Iron Out removes iron, manganese, H₂S (odour) and undissolved particles. These devices work on the basis of aeration, which oxidizes and removes the iron. A pH of 7+ and a not too high iron content are required for proper functioning. These installations do not use cleaning agents such as salt, etc., but only rinse with water. During rinsing, air is automatically drawn in for optimal operation of the iron removal. These compact installations are available in a range of capacities.

HQ-ION Iron Out

The HQ-Ion Iron Out removes iron, manganese and hardness (lime) in one treatment. These iron removals work on the basis of ion exchange. The operation is Ph independent and high levels of iron and hardness can be removed. The purifications are low maintenance and have a low cost per m³ used. A highly efficient and compact purification system with a high flow capacity, depending on model and version, available from 1.5m³/hour to >20m³/hour. Rinsing the purifications with brine (sodium), this is an automatic process. The flush can be set on the basis of used m3 or time. Available in all connection sizes from $\frac{3}{4}$ " to 3".

* These are just a few examples of our treatments, feel free to ask for more information about specific treatment methods.





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CHARACTERISTICS:

- Works with food grade salt
- Prevents iron and limescale in your systems
- Low pressure loss due to large control valve
- Readout of used m3 and total consumption
- Compact installation with high flow capacity
- Low power and maintenance costs
- Easy and quick to install
- Tailor-made for your specific needs
- Suitable up to 8bar pressure
- Long service life of the filter mass and materials used

TECHNICAL DETAILS									
RINSING HEAD*	CONNECTION SIZE	READING LTR/MIN.	TOTAL CONSUMPTION DISPLAY	RESIDUAL CAPACITY DISPLAY	TIME DISPLAY	RINSE TIME AT REGENERATION DISPLAY	WARNING MINIMUM SALT LEVEL	MANUAL RINSE POSSIBLE	RINSE DELAYED / IMMEDIATE
HQ-CL OXY	3/4" 1" 1 1/4"	X	X	X	V	V	N/A	V	DELAYED
HQ-CL FILTER	3/4" 1" 1 1/4"	X	X	X	V	V	N/A	V	DELAYED
HQ-CL ION	3/4" 1" 1 1/4"	V	V	V	V	V	V	V	DELAYED/ IMMEDIATE

* If you would like a specific treatment that is not listed here, please do not hesitate to contact us

