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SuMeWa|IRON

Our Guarantee for Crystal Clear Water

Description

SuMeWa|IRON is an innovative module for the sustainable elimination of iron from contaminated water sources. This unit works as an add-on to the existing SuMeWa|SYSTEM family and largely extends their field of operation. SuMeWa|IRON supplies crystal clear and great tasting water.

The advantages at a glance

- Chemical-free
- Maintenance-free
- Solar-operated
- No renewal of filtration media necessary – for up to 10 years
- Automatic backwash and online controlled media regeneration
- Remote sensing through GSM
- Very low investment costs

How it works

The dissolved iron is oxidized on the filter media surface. Here, it precipitates and is safely retained inside the media. In frequent intervals the accumulated iron flocs are removed by an online controlled automated backwash mode. During the filtration the media is automatically kept in regenerated conditions assuring many years of maintenance and chemical free operation. This process is also capable of safely removing manganese, and hydrogen sulfide.

Extendable with

- SuMeWa|COMPLETE
- SuMeWa|ADVANCE
- SuMeWa|PUMP

Technical data

Maximum raw water contamination

Iron	15 mg/L
Manganese	15 mg/L
Hydrogen sulfide	5 mg/L
pH range	6.2 – 8.5
Capacity	Up to 20.000 Liter per day*

* A raw water analysis for performance evaluation is required.

About AUTARCON

We stand for safe and clean drinking water. As specialists in decentralized drinking water supply, our expertise ranges from basic drinking water disinfection to complete solar driven drinking water treatment. The base for that is our SuMeWa|SYSTEM. With its different modules SAFE, ADVANCED COMPLETE, TURB and IRON we offer a product portfolio that allows individual response to the demands of our customers – all around the globe.



watch our movie

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