

“Point of Entry” Solution

WATERMIRACLE PLUS: Smart Modular Ultra Filtration solution

Product

The Watermiracle+ is the ideal solution for permanent or mobile installations for emergency back-up, events and work sites.

The Watermiracle+® is a modular water treatment unit, based on membrane technology and smart engineering. Where other systems clog, the Watermiracle+ will always deliver, due to the smart flux regulator.

No direct need for regular maintenance: the Watermiracle is equipped with *auto flushing* pre-filter(s) and membrane module(s). Periodic chemical cleanings can be done with “household chemicals” as bleach and cleaning acid. This cleanings can be easily performed with the use of self-priming chemical dosing hose.

Depending on the needs, the Watermiracle+ can be equipped with several add-ons for feed supply and post-treatment, such as activated carbon, ultraviolet (UV) and/or any post-disinfection package.

The system will be delivered “Ready for Use” built on a hot dipped galvanized, all necessary controls for automatic and regular cleaning of the filter elements.



Specifications

- Smart controller, intelligent flux regulator, auto adjusts to inlet water quality
- Easy adjustable PLC software
- Auto flushing pre-filter
- Auto flushing membrane
- Chemical cleaning option with self-priming chemical dosing hose.
- Modular system: expandable up to 6 membrane modules
- Optional feed supply and post-treatment units

Technical data

Dimensions Model A	Up to 3 modules 1200 x 1200 x 2200 mm (LxWxH)
Dimensions Model B	Up to 3 modules 1200 x 2400 x 2200 mm (LxWxH)
Power supply	Electrical supply, Generator
Type of filtration	Ultrafiltration
Power consumption	100 – 300 Watt (without add-ons)
Inlet connection	Pressurized feed (25 – 3 barg) or feed supply unit
Operational temp. max.	40°C
Ambient temperature	0 – 40°C
Permeate water flow	Max. 20 m ³ /h

Applications

- Well water
- Rain water
- Surface water
- Pre-filtration for RO systems

Benefits

- High quality process water
- Safe drinking water
- Optimal removal of particles, bacteria and viruses
- No chemicals required for daily operation
- Engineered by water experts
- Plug and play operation
- Light and robust construction