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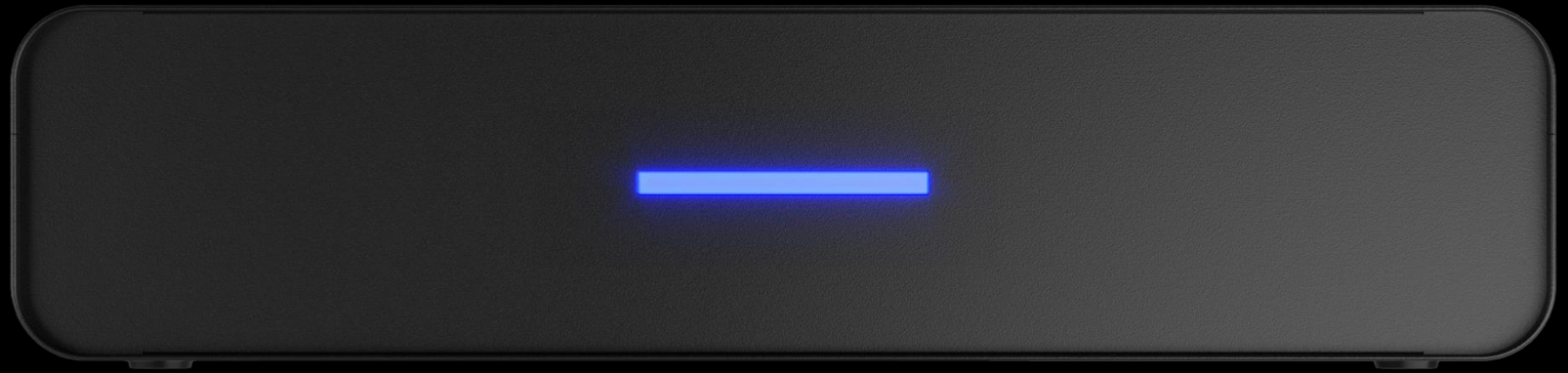

ROMEO

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Thanks to the MODULAR TW technology, Think:water ROMEO allows the construction of hydraulic water treatment circuits with high reliability, resistance and durability. It boasts of a quick assembly and maintenance, with the possibility of adjusting salinity, recovery and anti-flooding control.

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COMPONENT PERFORMANCE AND SIZING

Head modules designed for high pressure with exclusive quick coupling, filtration modules with anti-unscrewing clips, proprietary speed-fit double O-ring seal and anti-release safety clips

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Membrane modules with exclusive high flow and high rejection quick coupling

---

High capacity 5 micron Carbon Block filtration module

MIX and discharge regulation modules

CB filter conditioning valve

Installation kit already included with RO (excluding tap)

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COMPONENT PERFORMANCE AND SIZING

We exploit the entire nominal flow rate of the pump while still guaranteeing a high production of osmotized water, maintaining correct recovery and the silence of the system

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NEW MEMBRANE MODULES

MEMBRANE module with quick connection and release 250gpd

Maximum speed of maintenance, exclusive design to guarantee recurring business. The replacement of the Membranes does not require opening the hydraulic circuit, avoiding the risk of contamination and leaks

The MEMBRANES internal production entrusted to an exclusive fully automatic system allows the sizing of the performances, the guarantee of the homogeneity of construction and the control on the healthiness of the raw material

ROMEO is equipped with Membranes with rejection characteristics
and flow rate superior to the previous ones with the same overall dimensions

Rejection greater than 97%

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MODULAR SYSTEM:
THE NEW SHAPE OF WATER

OBJECTIVES

The new TW modular system is designed for:
✓ High performance
✓ Cost reduction
✓ Easy maintenance
The final result is achieved through a **COMBINATION** of various elements.

MODULES

Made with high-quality plastic.
➢ Quality
➢ Durability

Combined, they allow the creation of a hydraulic circuit in which multiple filtration stages and membranes can be installed, either in series or in parallel.

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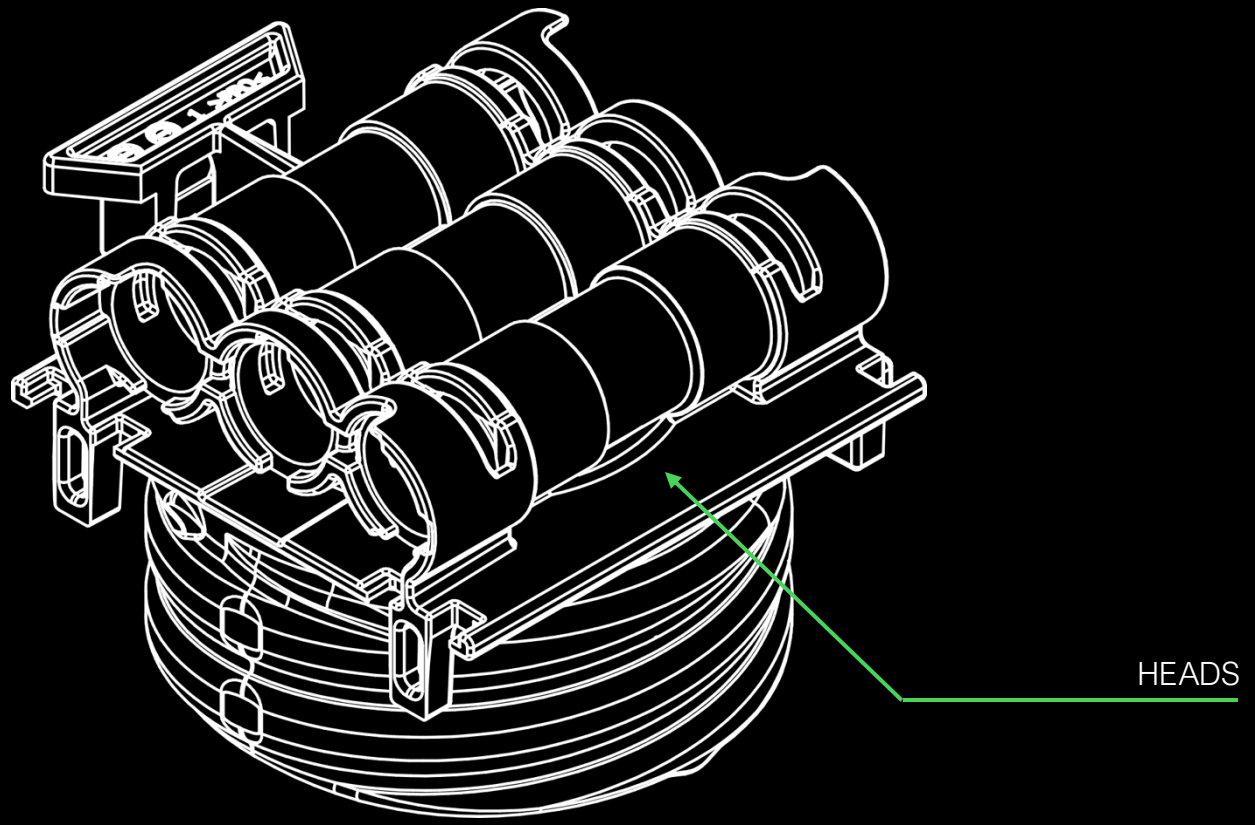
TW HEADS

Flexibility in circuit design.



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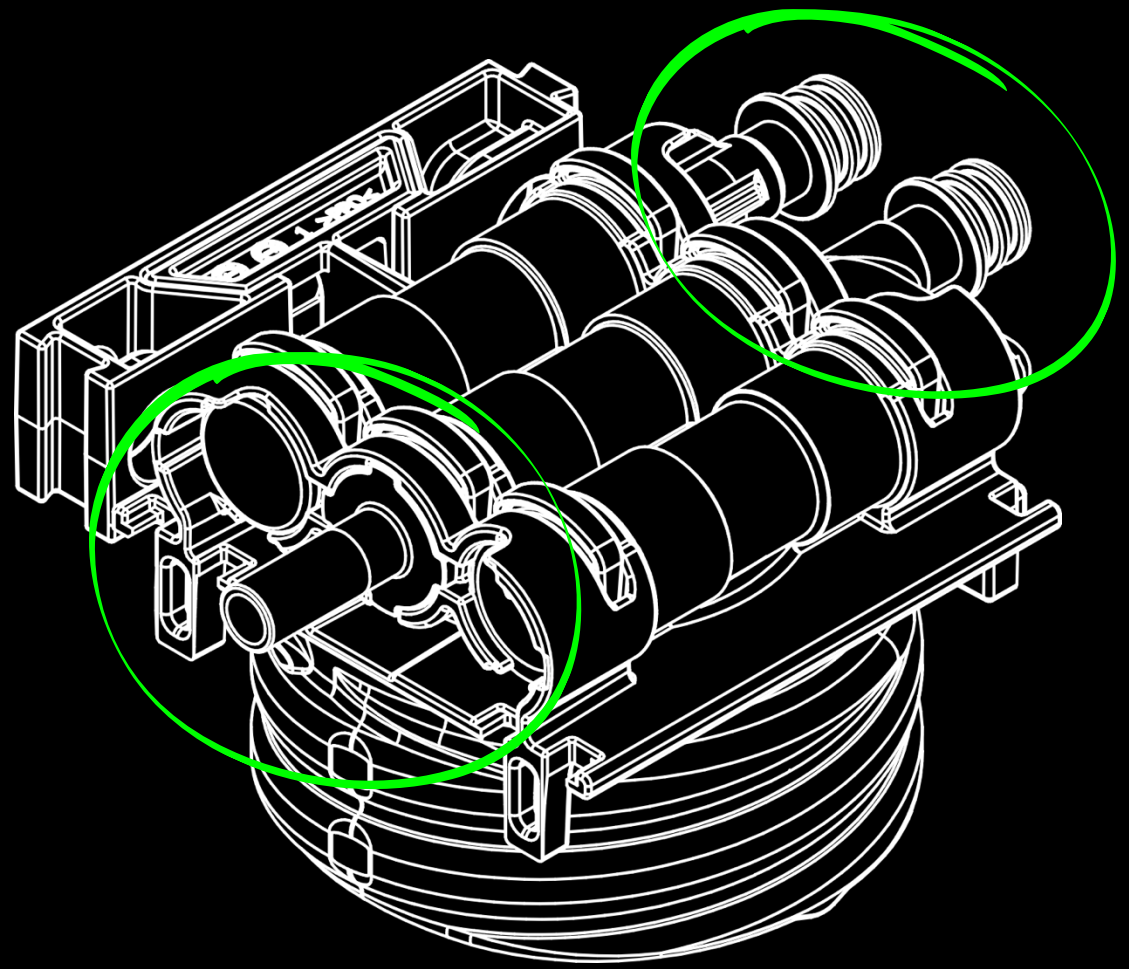
TW CONNECTORS

The head connections are special **QUICK-INPUT** fittings with **DOUBLE** o-ring clips.

Connection and disconnection are extremely fast, allowing the heads to be detached from the rest of the circuit for easy **MAINTENANCE** and **MEMBRANE REPLACEMENT**.



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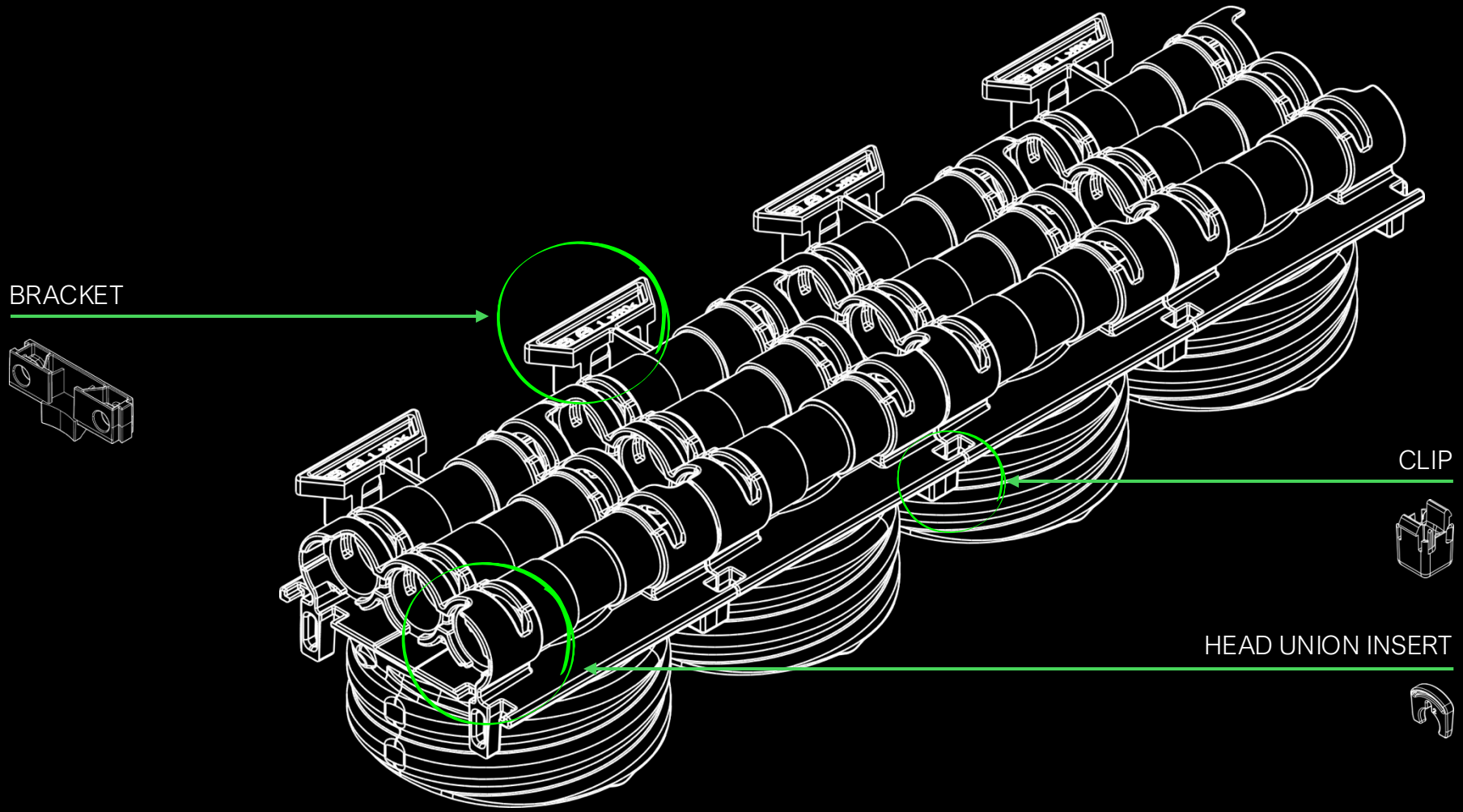
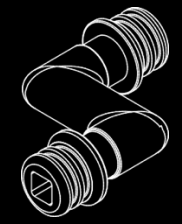
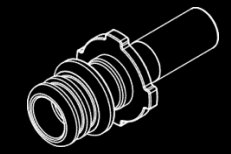


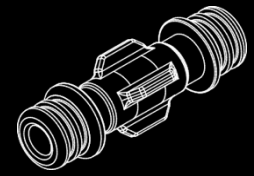
CAP



S CONNECTOR



8 MM NOZZLE



INTERMEDIATE CONNECTOR

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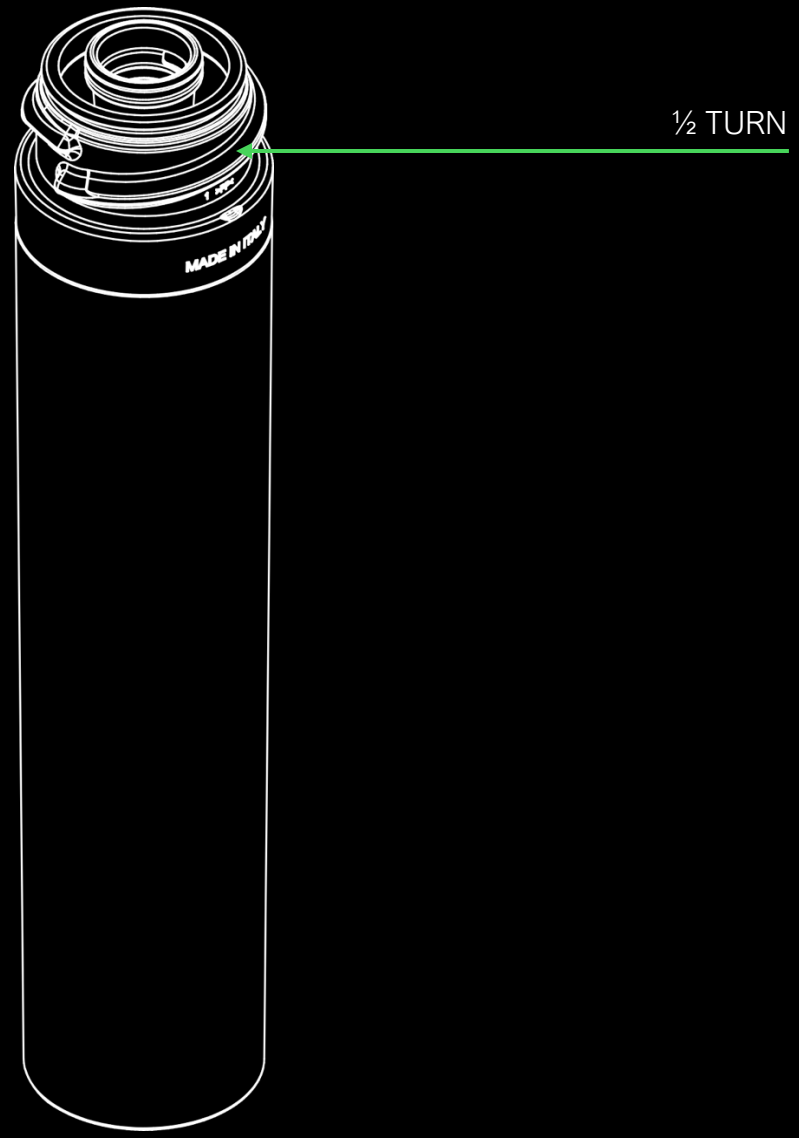
TW QUICK-CONNECT MEMBRANES

With the TW MODULAR version, membrane maintenance is as SIMPLE as changing a filter.

THANKS TO THIS SYSTEM, IT IS POSSIBLE TO:

- Ship the unit **DRY**
- Reach an operating pressure of up to 13 bar
- **INCREASE THE FLOW RATE**, with 250 GPD membranes
- Achieve **COMPACT DIMENSIONS**
- Improve system aesthetics by **REDUCING TUBING** and **FITTINGS**



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CARBON BLOCK PRE FILTER

- CARBON BLOCK Filtration Module with quick release
- Carbon Block completely Made in Think:water with high quality and performances
- Made with coconut vegetable carbon with high adsorption capacity
- Low pressure drop and high autonomy in CLASS 1
- Integrated conditioning valve for flushing at start-up and every filter change
- DM174 – DM25 certifications
- 100% MADE IN ITALY

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PRE-FILTER CONDITIONING VALVE

With each filter change it allows you to condition the CB in a simple and efficient way without modifying the hydraulic circuit or doing it externally to the system.

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NEW MIXING SYSTEM

The module configuration also allows for non-installation in the circuit where not required and/or unwanted

Positioned in an easily accessible point

Easily removable if not required

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ANTI-FLOOD PROBE

Removable

Easy replacement

Separable from wiring

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NEW UNLOADING MODULE CONFIGURABLE

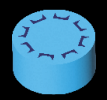
Inspection block with easy flow control adjustment.

The RECOVERY recovery rate adjustment (amount of water recovered from the total filtered) is easy to replace in case of clogging.

The flow control is inserted inside the Water Network Connection Module which, as previously seen, is interchangeable depending on the quality of the incoming water.

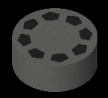
After measuring the quality of the incoming water, during installation and also later, it is possible to easily set the recovery rate.

50% recovery setting as standard, 75% recovery setting in the installation kit.



FLOW CONTROL 1 LPM

YIELD 50%



FLOW CONTROL 0,5 LPM

YIELD 75%

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RECOVERY CALIBRATION VS NET WATER QUALITY

pH				
Over 9,5	NOT POTABLE WATER			
8,5-9,5	1 LPM	1 LPM	1 LPM	
7,5-8,4	0,5 LPM	1 LPM	1 LPM	1 LPM
6,5-7,5	0,5 LPM	0,5 LPM	1 LPM	1 LPM
°f	10-24	25-34	35-44	Over 45
°dH	5,5-13	14-19	19,5-25	Over 25

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LED INDICATIONS

BLUE LED FLASHING
In standby mode BLUE LED flashing every 10 seconds

STEADY BLUE LED
Appliance in operation

RED LED + BEEP
Filter exhausted

RED LED
Flooding

BLUE AND RED LED FLASHING
Filter running out

Alarm reset button inside the RO on the front, easily accessible by removing the cover.

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TECHNICAL CHARACTERISTICS

Dimensions (mm)	425 x 440 x 98
Weight (kg)	10
Membranes	TW:RO | N°2
Pre-filtration	PRO Carbon Block 5 micron
Permeate flow rate at 25°C	90 l/h
Continuous work (min)	15
Recovery	60*
Rejection	≥97%

Type of water	Potable
Temperature (°C)	5 - 3
Dynamic pressure (bar)	1,5 - 4
Current consumption (A)	0,7
Power (W)	110
Inlet	3/4“ BSP
Outlet	1/4“quick coupling
Permeated	1/4“quick coupling

Conductivity 1200 uS/cm NaCl
pH 6.5-7
pump pressure 7.2 bar
Perfomance with blue capillary

*The percentage of dissolved salts and other elements that are re-injected is influenced by water quality, temperature, pressure and the total amount of dissolved salts and differs between types of salts or elements.

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