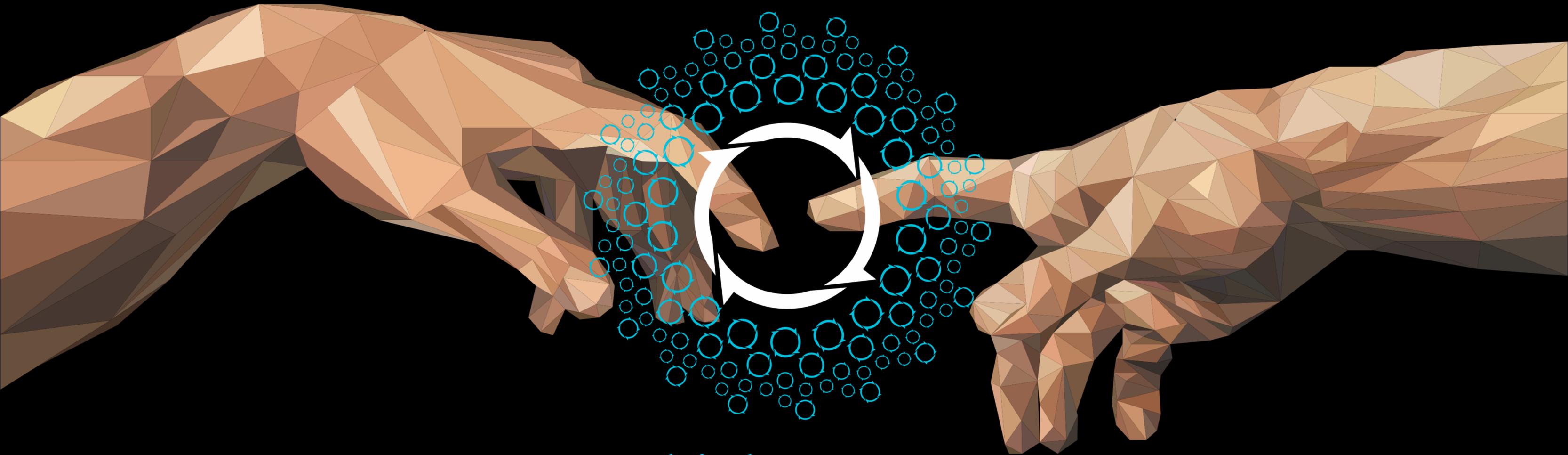


SyncRO

the all new RO System



think:water

SyncRO

Compact, powerful, essential.

Equipped with a mix valve, Think:water capillary system and Cobalt anti-lime pre-filter, it guarantees high performance in a small space. Reverse osmosis for those seeking efficiency and reliability.



SyncRO2

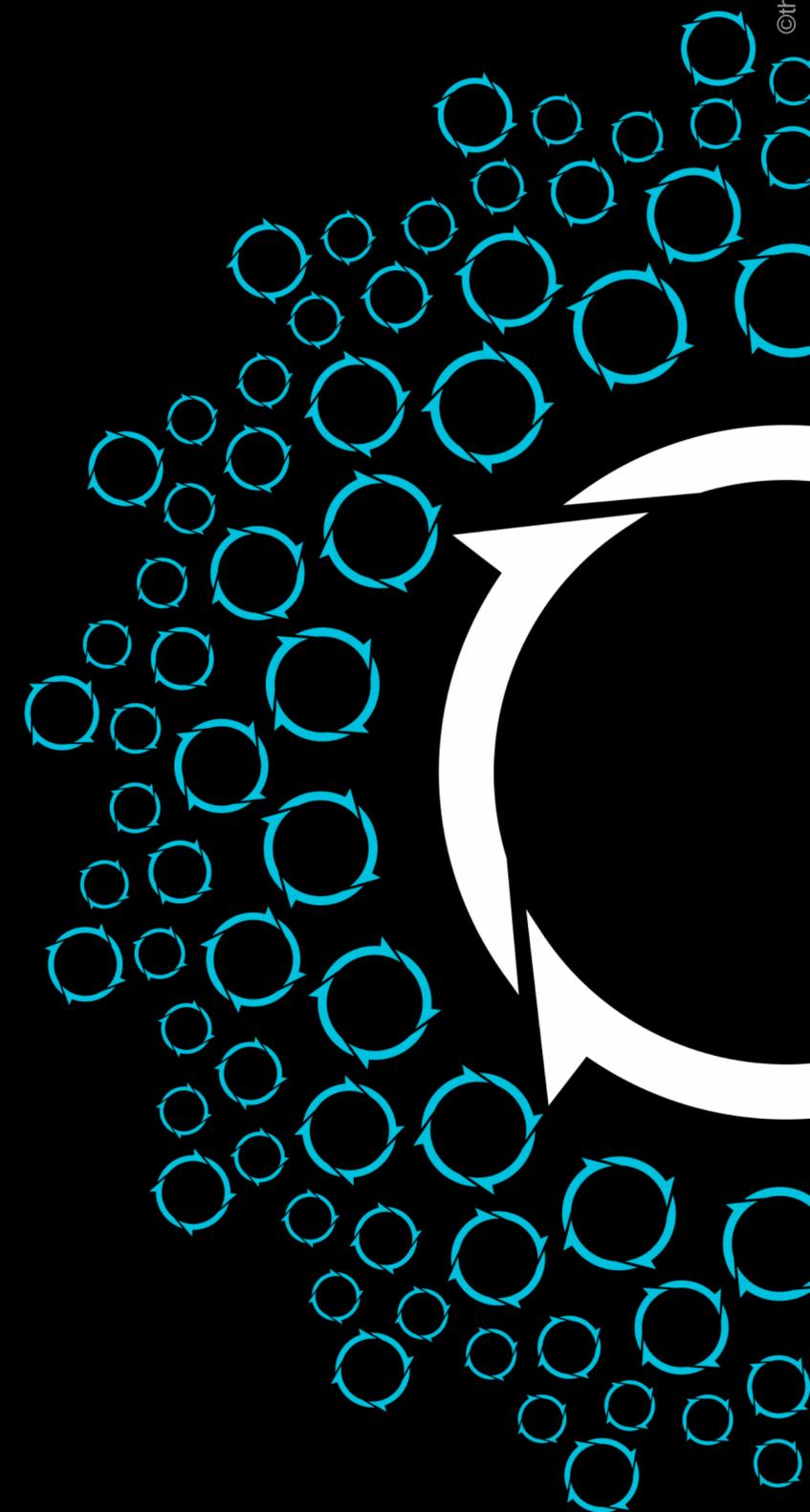


SyncRO4



SyncRO8

think:water



SyncRO⁺

Advanced technology, total control.

In addition to the main SyncRO features, it integrates an advanced sensor system and an intuitive display for precise monitoring. **Maximum efficiency, simplified management.**



SyncRO2⁺

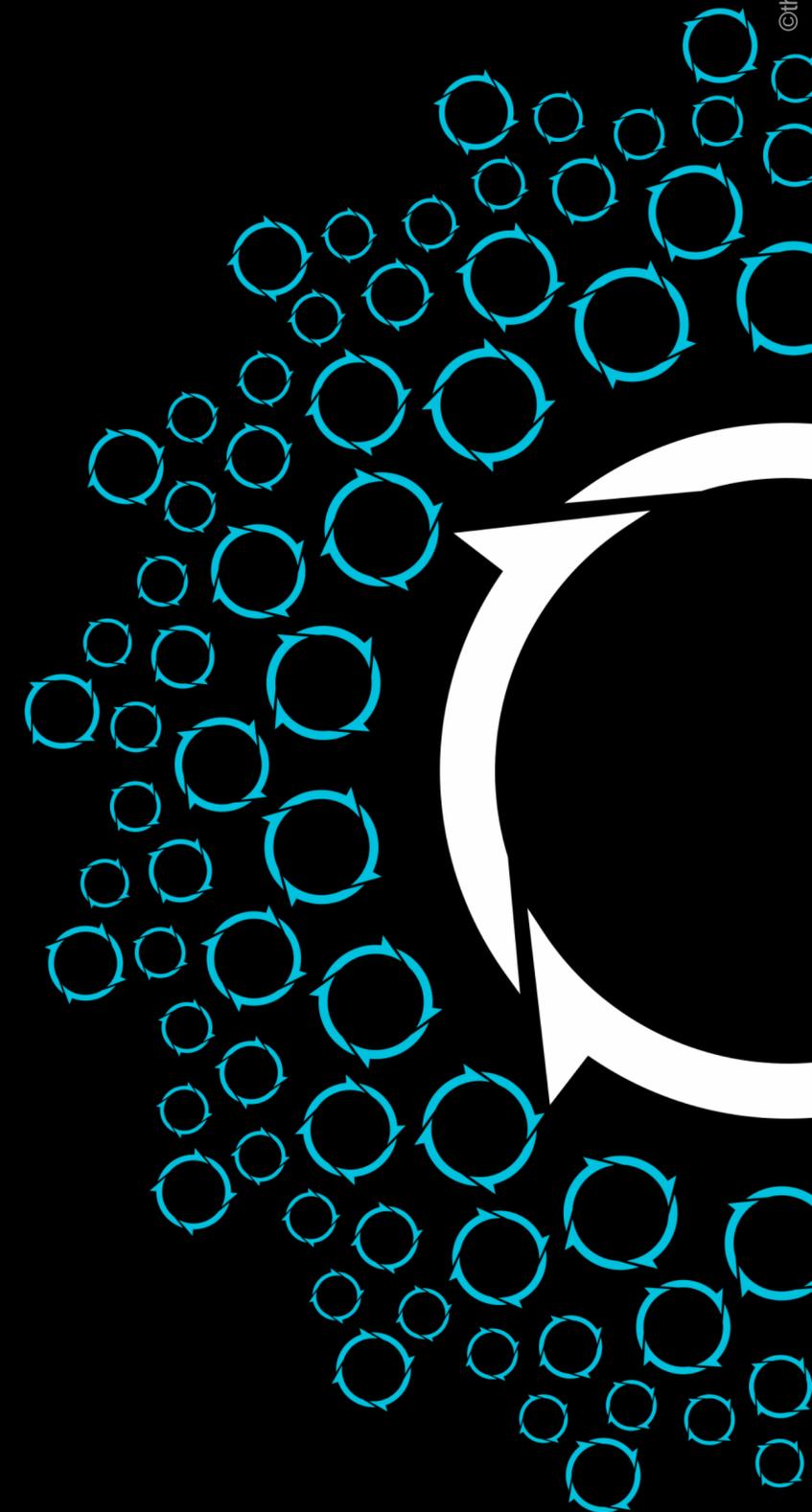


SyncRO4⁺



SyncRO8⁺

think:water



Profilme
Coobalt

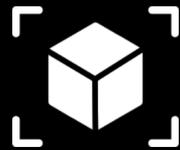
think:water

Profine Cobalt

RO pre-filtration: Advanced protection, superior performance

Reduces odours, unwanted tastes, turbidity and chlorine, with nominal filtration of 5 microns. Ideal for RO membrane pre-filtration, thanks to scale inhibitor technology and low pressure drop.

STRENGTHS



Optimum performance in a compact design



Advanced plant protection



Increased durability osmotic membranes



Scale Inhibitor technology

Models SyncRO	Profine Blue filter capacity	Profine Cobalt filter capacity
Mod. SyncRO2	120 h	480 h
Mod. SyncRO4	80 h	300 h
Mod. SyncRO8	150 h (3 filters large)	150 h (2 filters small)



RO Modules

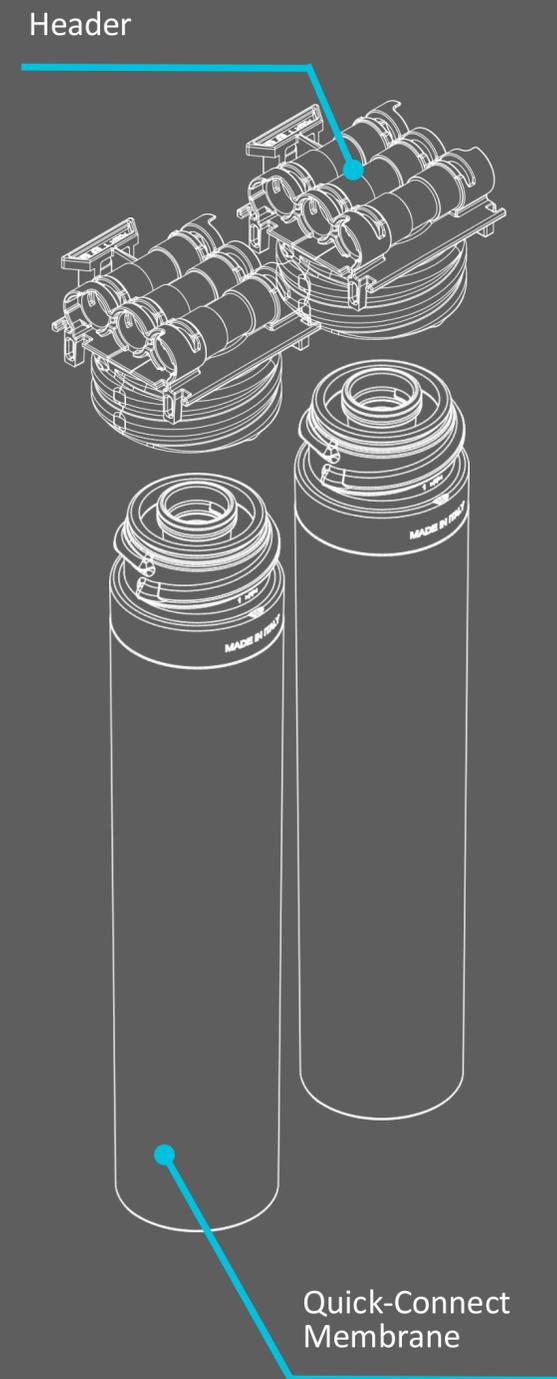
RO membranes made in Think:water

The RO modules enable the creation of a hydraulic circuit for reverse osmosis, where multiple membranes can be installed either in series or in parallel.

STRENGTHS

- **Dry Shipment**
The machine is delivered dry to simplify transport and handling.
- **Optimal Pressure**
Operates at 13 bar for high and consistent performance.
- **Higher Flow Rate**
Increased water flow for superior productivity.
- **Compact Size**
Optimized design to reduce space requirements.

- **Improved Aesthetics**
Fewer pipes and fittings for a cleaner, more elegant system.
- **Quick Membrane Replacement**
Simplified replacement for faster maintenance.
- **Encapsulated Membranes**
Maximum hygiene and protection during use and replacement.

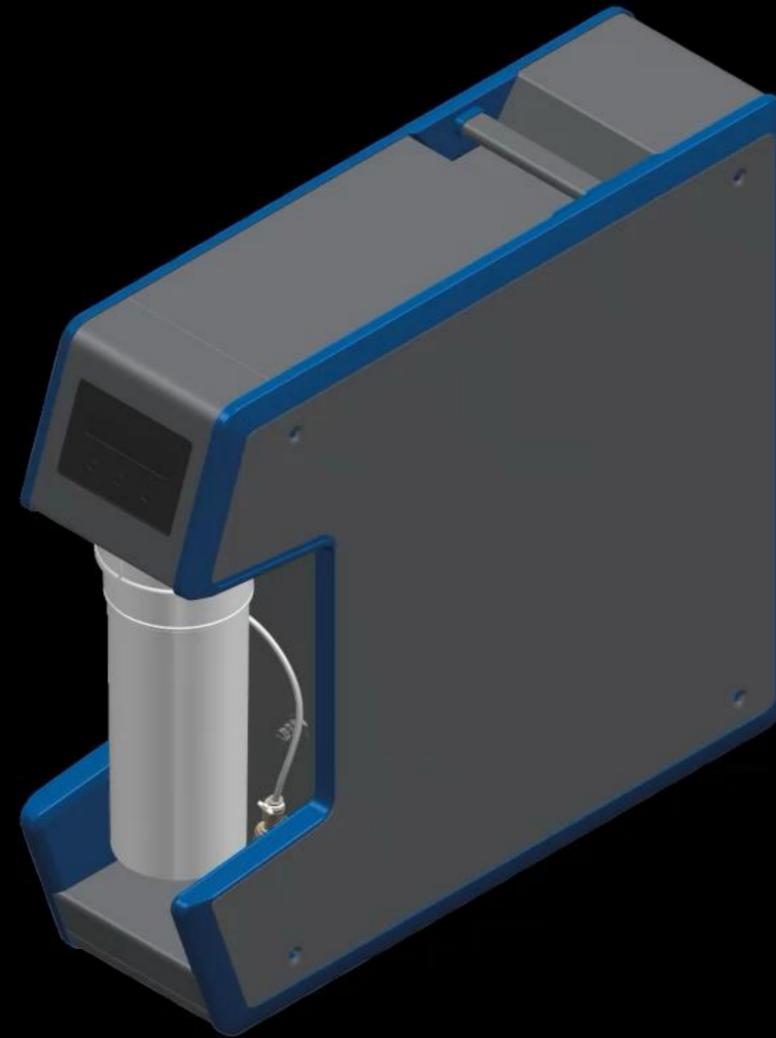


Easy maintenance

Immediate access for quick maintenance

With access on both sides, maintenance is simple and immediate.

Efficiency and convenience ensure the system is always operating at peak performance.



Effortless transport and installation

SyncRO is equipped with an integrated handle, an exclusive feature that makes transport and installation more practical and convenient. A unique advantage that few professional osmosis systems offer, ensuring easier management in any situation.

STRENGTHS



Easy to transport
Integrated Handle



Simple installation
in any Context



Greater convenience
compared to traditional
osmosis systems



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SyncRO2+

think:water
RO PROFESSIONAL



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Optimized visibility effortlessly

The improved interface of our product features an innovative tilt that ensures optimal visibility, eliminating the need to crouch. This design makes every operation more comfortable and immediate, enhancing the user experience and providing quicker, more practical access to information, without compromising efficiency.



Easily visible interface no need to crouch



LED indicator shows the system status
SyncRO



High-Brightness Display
SyncRO+



Bypass & Mix Valve

Maximum continuity and optimal control

The SyncRO line offers smart solutions to ensure efficiency and customization.

The standard mechanical bypass ensures continuous service even in case of emergencies, maintaining operation at all times.

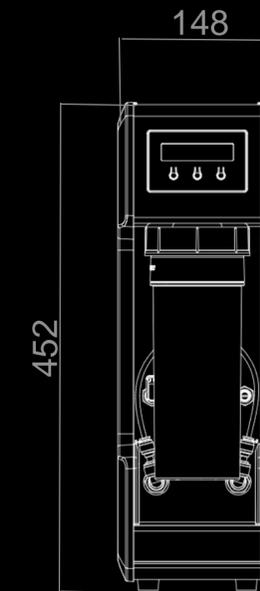
The mix valve allows for conductivity adjustment, or the desired salinity level. This enables you to set your system based on the incoming water and the desired output quality.



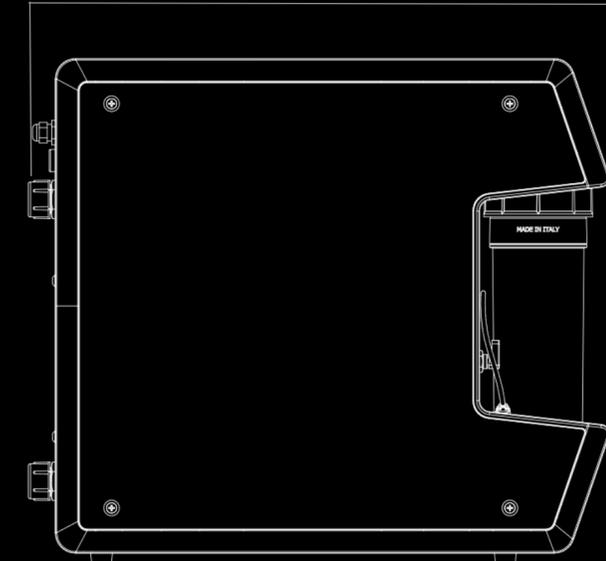
Dimensions: compact, powerful, essential.

The new SyncRO osmosis line has been designed to be significantly more compact compared to the previous line, minimizing its size without compromising performance. This evolution allows for easier and more versatile installation, perfectly fitting into tighter spaces, while maintaining the highest levels of efficiency and water treatment quality.

SyncRO2

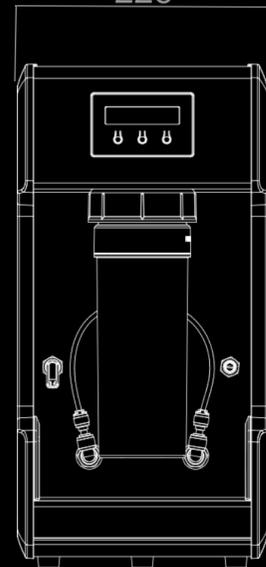


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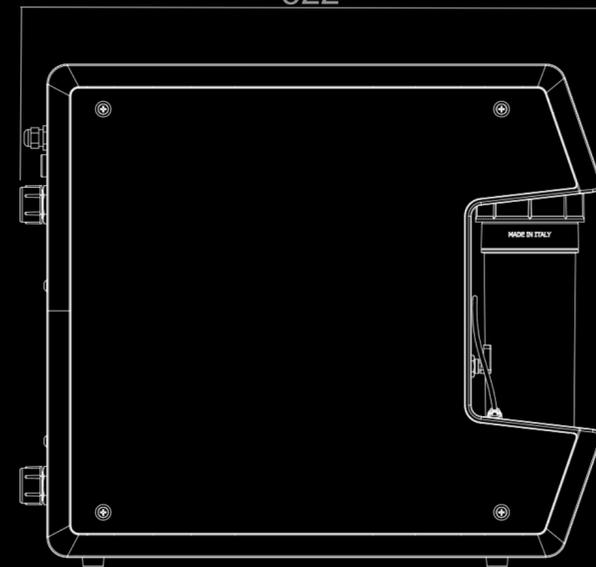


SyncRO4

226

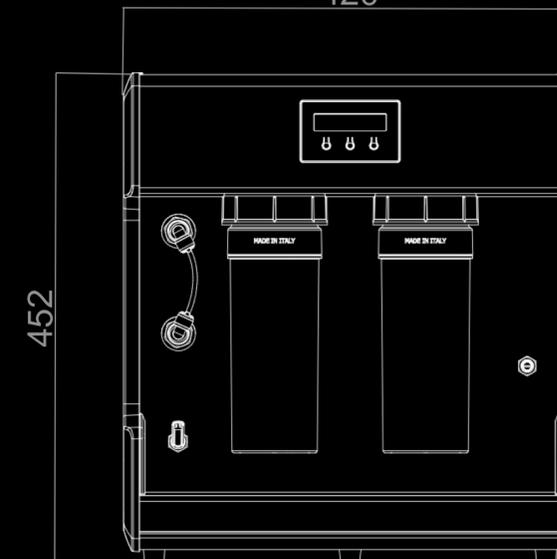


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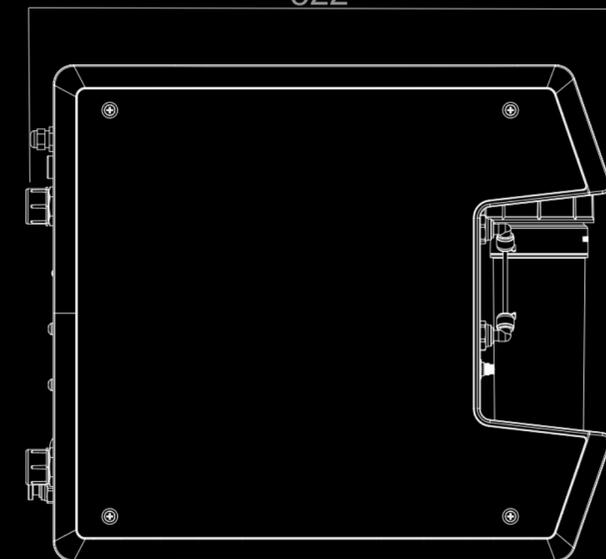


SyncRO8

420



522



Reliable protection with IPX4 Rating

The IPX4 protection rating ensures resistance to water splashes from any direction, making the system safer and more reliable, even in humid environments.

STRENGTHS



Splash resistance

Protects the system from water splashes, ideal for humid environments.



Increased durability

Reduces the risk of water damage, extending the product's lifespan.



Operational Safety

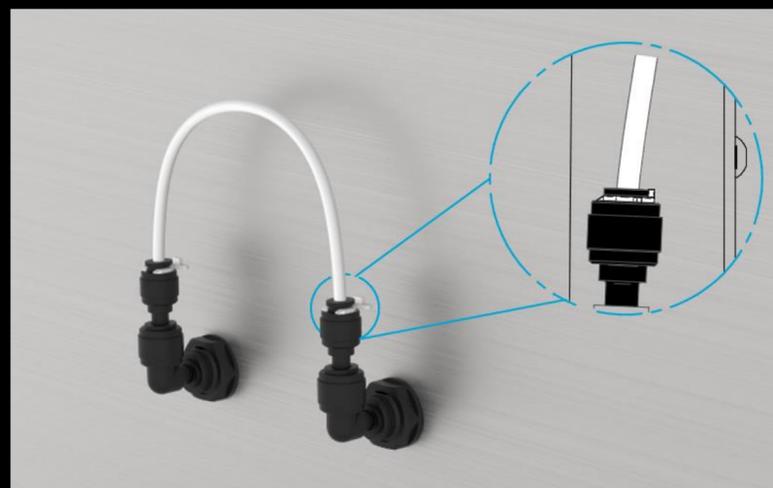
Ensures reliable performance, even under challenging conditions.

Adjustable recovery

Adjust the recovery rate based on the hardness and pH of the incoming water.

The SyncRO line offers smart solutions to ensure efficiency and customization.

The Think:water capillary system regulates the recovery rate according to water quality, optimizing performance with a simple adjustment.



think:water



SyncRO⁺ complete monitoring of operating parameters

SyncRO⁺ detects and displays in real-time the key parameters of the RO, ensuring precise and optimal control. It allows monitoring of each parameter without needing to dismantle the system, simplifying service, diagnostics, and making interventions more targeted.



PARAMETERS

- **Incoming conductivity ($\mu\text{S}/\text{cm}$)**
Measures the quality of the incoming water.
- **Permeate conductivity ($\mu\text{S}/\text{cm}$)**
Indicates the effectiveness of the filtration.
- **Incoming pressure (Bar)**
Checks the pressure of the incoming water.
- **Pump pressure (Bar)**
Monitors the correct functioning of the pump.
- **Permeate pressure (Bar)**
Controls the pressure of the filtered water.
- **Permeate flow (l/min)**
Measures the amount of water treated.
- **Water temperature ($^{\circ}\text{C}$)**
Ensures the water is in optimal conditions for filtration.

SyncRO and Modbus: smart connection for your washing

The new SyncRO osmosis systems by Think:water not only provide advanced water treatment but also integrate seamlessly with your systems. Thanks to the Modbus protocol, they communicate directly with equipment featuring electronics and onboard modules, ensuring more efficient and automated operation.

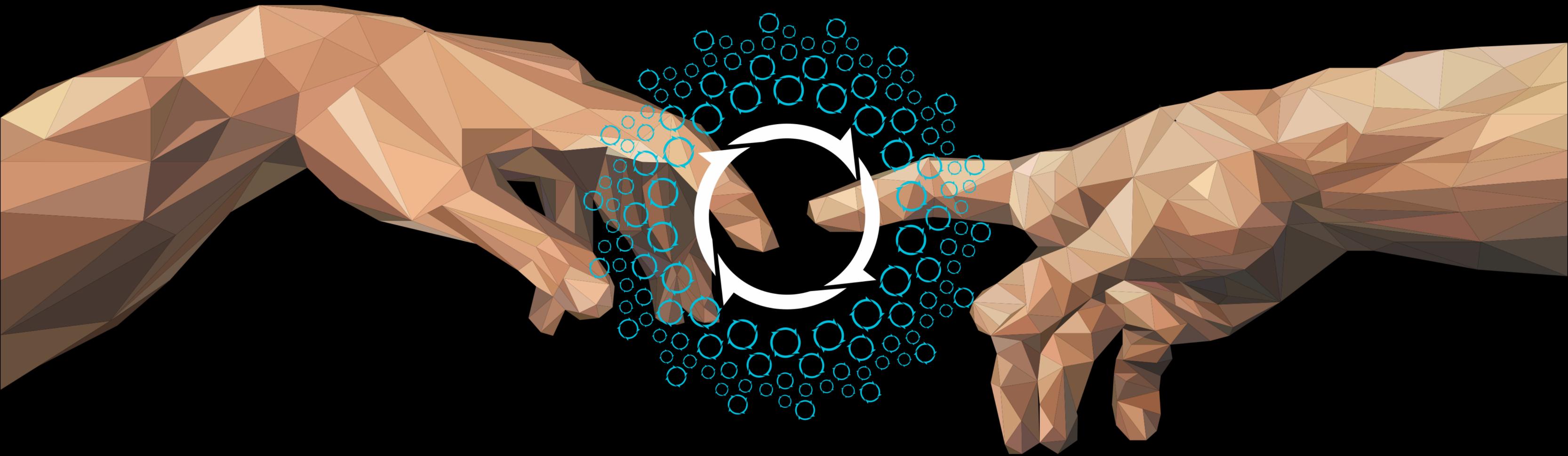
BENEFITS OF MODBUS CONNECTION

- **Real-Time communication:**
equipment receives precise information on the state of osmosis, optimising the washing cycle.
- **Advanced control and diagnostics:**
Monitors the RO parameters in real-time, signaling any required maintenance. All information is displayed, eliminating the need to physically check the osmosis system.

Technical data: performance and compatibility

The SyncRO osmosis systems integrate advanced technology and smart connectivity to ensure maximum efficiency. Discover the technical specifications that optimize washing, improve water quality, and guarantee perfect integration with your systems.

COMPARISON OF PROFESSIONAL OSMOSIS	CLASSICI	NEW RO PRO GOOD SYNCRO	NEW RO PRO BEST SYNCRO+	NOTE
MODEL RANGE FLOW RATE (l/h)	120-420	120-420	120-420	-
BY-PASS	ONLY SOME MODEL	YES	YES	-
MIX VALVE	YES	YES	YES	-
CAPPILARY SYSETM	YES	YES	YES	-
PRE-FILTER CAPACITY	80-150	150-480	150-480	-
PRE-FILTER CARATERRISTIC	CARBON BLOCK 5 MICRON	CARBON BLOCK 5 MICRON + SCALE INHIBITOR	CARBON BLOCK 5 MICRON + SCALE INHIBITOR	NOT FOUND IN COMPETITORS
RO MEMBRANE	STD	INCAPSULATED	INCAPSULATED	-
CASE MATERIAL	INOX 304	INOX 304	INOX 304	-
DIMENSIONS MOD. 120 (l/h)	145x455x560	REDUCE OF 5%	REDUCE OF 5%	-
DIMENSIONS MOD. 240 (l/h)	270x410x450	EQUAL	EQUAL	-
DIMENSIONS MOD. 420 (l/h)	520x405x810	REDUCE OF 50%	REDUCE OF 50%	-
LEAKAGE SENSOR	YES	YES	YES	-
IP PROTECTION	X4	X4	X4	-
OUTLET WATER CONDUCTIVITY SENSOR	YES	YES	YES	-
MODBUS COMMUNICATION MODULE	-	YES	YES	NOT FOUND IN COMPETITORS
PERMEATE FLOW METER	-	-	YES	-
INLET WATER PRESSURE SENSOR	-	-	YES	-
OUTLET WATER PRESSURE SENSOR	-	-	YES	-
PUMP WATER PRESSURE SENSOR	-	-	YES	-
INLET WATER TEMPERATURE SENSOR	-	-	YES	-
INLET WATER CONDUCTIVITY SENSOR	-	-	YES	-
DISPLAY	STD	BIG LED INDICATOR	MORE BIG AND ILLUMINATED TILTED FOR BETTER VIEWING	-
HANDLE	-	YES	YES	NOT FOUND IN COMPETITORS
MAINTENANCE TIME	-	REDUCED	REDUCED	-



think:water

Thank you