

# think:water

## SyncRO4+

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Compact size and high performance  
for every application.

### Key features:

- Encapsulated Think:water RO membranes.
- Think:water capillary system.
- Modbus communication module.
- 304 stainless steel structure.
- Compact dimensions.
- Integrated handle for easy transport.
- Simple and immediate maintenance.
- Inclined display for better visibility.

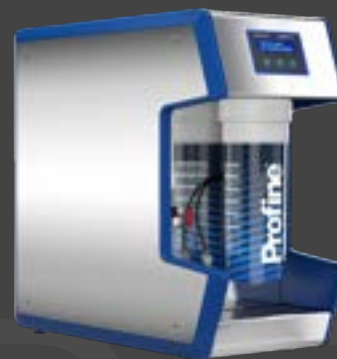
code:  
**HB04000100N**

 Production  
**240 L/h at 15°C**

 Recovery rate  
**from 40% to 60%**

 Typical rejection  
**>95%**

 Protection rating  
**IPX4**



### Profine Cobalt: RO pre-filtration

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



**Advanced protection**  
for the system



**Extended lifespan**  
osmotic membranes



**Technology**  
scale inhibitor

### SyncRO4+

Prefiltro Profine® Cobalt Small (h)	300
Membrana a osmosi inversa	ad intasamento
Livello sonoro (db (A))	< 70
Membrane	TW:RO   N°4
Prefiltrazione a bordo	1 x Profine® Cobalt Small
Peso (Kg)	20
Dimensioni (mm)	226 x 522 x 452
Tipologia alimentazione	monofase + terra
Tensione nominale (V)	220 - 240
Frequenza (Hz)	50 - 60
Corrente assorbita (A)	2,4
Potenza Installata (W)	245
Connessioni alimentazione	3/4" M
Connessioni permeato	3/4" M
Connessioni concentrato	3/8" innesto rapido
Tipologia acqua	potabile
Temperatura acqua ingresso (°C)	5 - 35
Temperatura ambiente (°C)	5 - 40
Portata minima ingresso (l/h)	600
Pressione di alimentazione (kpa)*	150 - 600
Ø min. tubo alimentazione	DN 10



\* Dynamic: pressure measured at the inlet  
with the RO system in operation.

### RO MODULES FEATURES

Optimal pressure	High-pressure operation for high and consistent performance
Higher flow rate	Increased water flow for superior productivity
Dimensions/Aesthetics	Optimized design to reduce bulk, with fewer pipes and fittings for a cleaner and more elegant system
Quick membrane replacement	Simplified replacement for faster maintenance
Encapsulated membranes	Maximum hygiene and protection during use and replacement with a half-turn mechanism

### TECHNICAL SPECIFICATIONS

Shell material	304 Stainless steel
Flood sensor	Yes
Think:water capillary system	Adjusts the recovery rate based on the incoming water quality
Mechanical by-pass	Ensures continuous service in case of emergency, guaranteeing operability
Mixing valve	Allows the adjustment of conductivity, i.e., the desired salinity
Communication	Modbus communication module
Display	Inclined display with intense lighting for better visibility
Managed parameters	Inlet water temperature Inlet water conductivity Permeate water conductivity Inlet water pressure Pump operating pressure Permeated line pressure

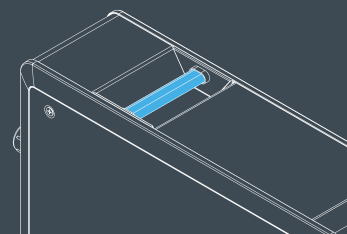
### RO Modules

Think:water modules create a hydraulic circuit where multiple membranes are installed.



### Integrated handle

An exclusive detail that makes transport and installation more practical and convenient.



### KIT SyncRO4+

O093	External tank kit 24 L
O094	External tank kit 60 L
O095	Modbus cable kit

### Display

The high-brightness display makes access to information quicker and more practical, without compromising efficiency.



### Dimensions

SyncRO4+ features an optimized layout that reduces bulk without compromising performance.

