

# Profine® ZERO professional

## Reverse osmosis system.

Profine® **ZERO** professional offers:

- instantaneous high flow rate
- no need for electricity
- the inclusion of pre-treatment and post-treatment activated carbon filters
- with integrated expansion tank with patented features
- with an exclusive system layout that leads to important savings in the water used
- exclusive and compact design
- equipped with integrated support bracket for horizontal and vertical assembly
- with conductivity adjustment screw

All features that make Zero professional a unique product for the production of osmotic water.



DIMENSIONS			
CODE	WIDTH	DEPTH	HEIGHT
OF80002000N-ALK	338 mm	147 mm	350 mm

PACKAGING		
WIDTH	DEPTH	HEIGHT
338 mm	145 mm	410 mm

TECHNICAL SPECIFICATIONS	
Hourly flow rate	24 l/h (4 bar)
Pre-Post filtration	Profine® Carbon Block 5 micron
Min/max temperature	5/35°C   41/95°F
Working pressure	1.5 bar/6 bar   21.7 PSI/87 PSI

Profine®  
**ZERO**  
professional

### USE

Water treatment in the industrial and professional world is that essential step to obtain to a water with specific chemical characteristics, starting from a common tap drinking water. In this context, the presence of salts dissolved in water is often incompatible with the plants and the work process itself. Reverse osmosis, and its pre-treatments, are those specific processes that allow the reduction of salts and enable the treated water to obtain the required qualities. All the systems created by Profine® offer the opportunity to decide the residual salinity according to your specific quality and flow rate requirements.

### STANDARD INSTALLATION KIT

The use of ZERO professional is ideal in a wide variety of fields including beverages , vending machines, cooking systems, steam ovens, washing systems, the chemical sector, the washing of photovoltaic panels and dentistry and dental clinics.

Fixing bracket, 2 M6x20 screws, spacer, 1/4" side connection unloading bracket for OD 40 tube, 2 tubes 8mm x 1m, 1 tube 1/4" x 1m.

### REPLACEMENT

The exclusive design facilitates filter change and both ordinary and extraordinary maintenance, boasting the absence of traditional hydraulic connections in favour of an integrated circuit.

# Profine® ZERO

## professional

Reverse osmosis system.

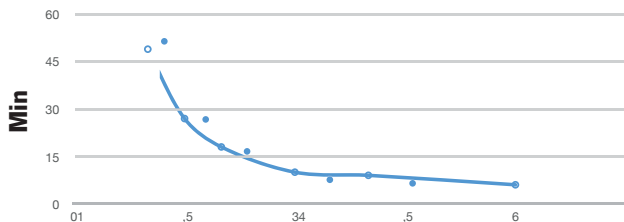


Temperature  
Min 5 – Max 35°C

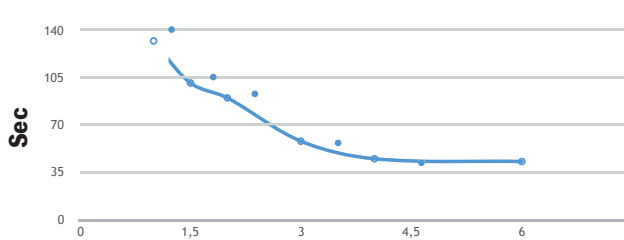


Operating Pressure  
Min 1.5 bar - Max 6 bar

RELOADING TIME



DISPENSING DURATION



ZERO WATER LABEL

PARAMETER (with closed by-pass)		IN	OUT
Specific electrical conductivity at 25°C	µS/cm	289	14.7
Hydrogen ion concentration	pH	8.15	7.54
Chlorides	mg/l	3.1	0.223
Sulphates	mg/l	19.3	0.572
Zinc	µg/l Zn	11.8	n.r.
Calcium	mg/l Ca	32.4	1.48
Magnesium	mg/l Mg	11.5	0.45
Potassium	mg/l K	0.7	0.176
Sodium	mg/l Na	2.07	0.52
Total phosphorus	µg/l P <sub>2</sub> O <sub>5</sub>	29.8	n.r.
Hexavalent chromium	µg/l Cr	0.94	n.r.
Nitrates	mg/l	3.5	2.9
Pfas	ng/l	250	0.0

TECHNICAL DATA

INLET PRESSURE	VOLUME DISPENSABLE IN 1 MINUTE	RELOADING TIME
2.5/36 bar/PSI	2.4 litres	18 min
3/43 bar/PSI	2.7 litres	14 min
4/58 bar/PSI	3 litres	10 min

TEST PARAMETERS

Rejection	> 90 *
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\* variable according to the temperature and quality of the inlet water

### COMPANY CERTIFICATIONS

Made in Italy by think:water, ISO 9001-2015 (quality), and 14001-2015 (environment) and MOCA certified company.

### CERTIFICATIONS PRODUCTS

Conforms to the **ICIM 0415CS** standard Products and components in contact with water intended for human consumption (including **Italian Ministerial Decree 25/2012** and **Italian Ministerial Decree 174/2004** as tested by the Tifq Lab), **NSF Gold Seal Certificate**.

### ENVIRONMENT

Dispose of the used cartridge according to Decision 2000/532/EC (EWC code 15 02 03).