



we
are
water



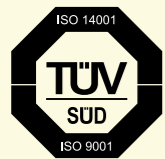
professional
washing



we
are
water

Italian manufacturer

**We design and build Made in Italy water treatment systems.
We propose solutions dedicated to water improvement, suitable for all catering areas, such as hotels, restaurants, and bars.**



tw produces with quality ISO 9001 and environmental ISO 14001 management system certified by TÜV SÜD



tw produces according to MOCA compliance food

-- Italian manufacturer --



Water treatments hints

When people think of water from the mains, they usually consider it as a fixed product, which cannot be changed. In reality, not only the quality of the water can change from area to area, even from street to street, but also within the same day.

Water is part of nature, it is life, and it carries with it the traces of all the elements it encounters along its path.

He can understand therefore that some substances it contains are not always desired, good, healthy and/or useful.

For example:

- high dissolved minerals,
- the presence of chlorine as a disinfectant (in the aqueduct),
- the presence of solid particles, including microplastics,
- the presence of bacteria,
- high presence of limestone,

make our water from the aqueduct not so pleasant and useful to be used.

What you can achieve with treatment of water

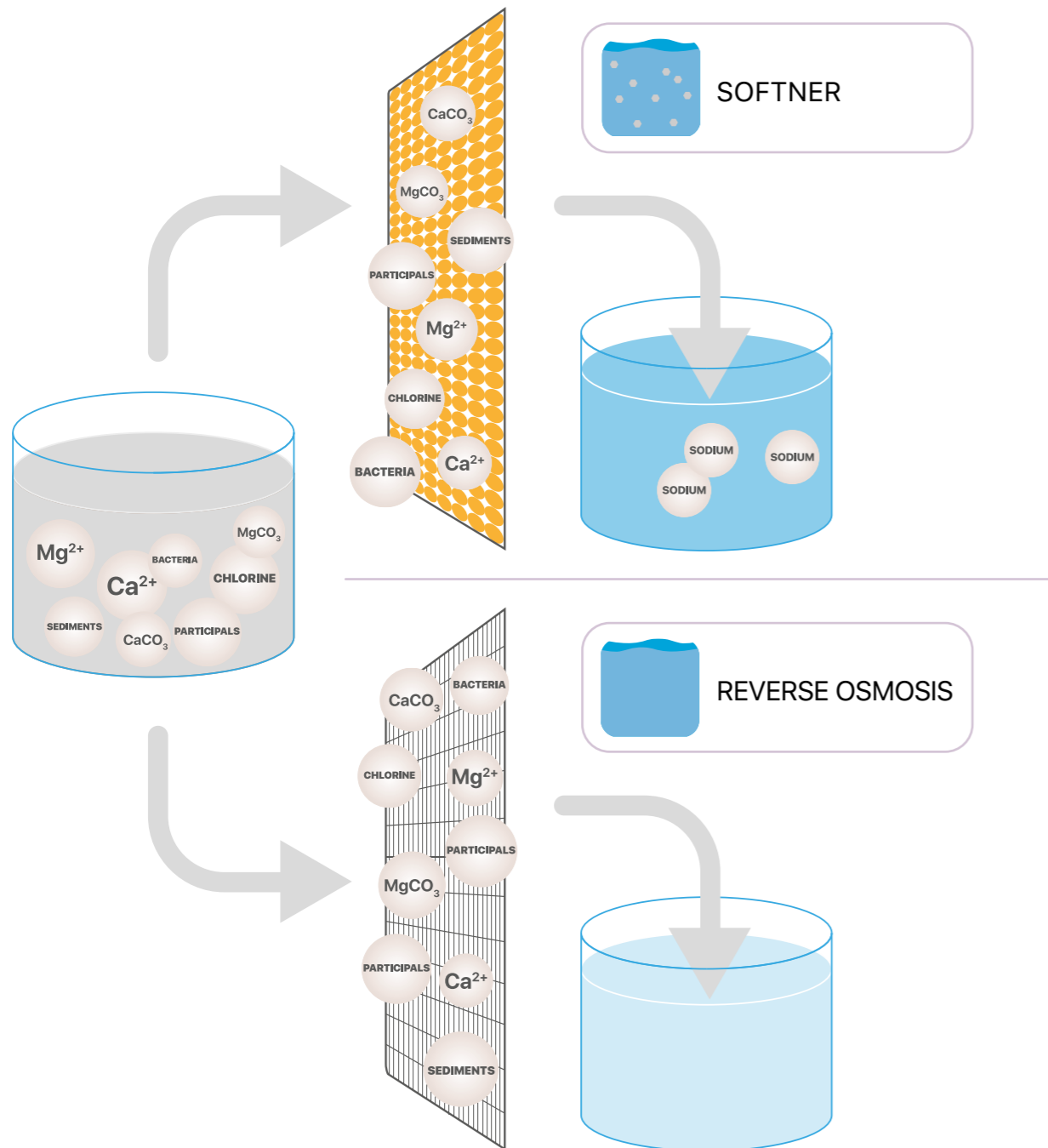
Most of the water that comes out of the tap seems perfectly pure, however it may contain, as already mentioned, invisible contaminants.

Removing these elements has a decisive influence on water quality. Calcium and magnesium (hardness) are eliminated and the useful life of the equipment is significantly extended, reducing maintenance interventions and the use of detergents and rinse aids.

Aspects that are anything but marginal in the Ho.Re.Ca.

TO GET ALWAYS A PERFECT WASH	- DETERGENTS	
	+ WATER TREATMENT	
	SOFTNERS	OSMOSI INVERSA
EXCELLENT WASH		✗
SAVING DETERGENTS	✗	✗
REDUCES GLASS AND CERAMICS WEAR		✗
PROTECTS THE MACHINE	✗	✗
GOODBYE MANUAL DRYING		✗

Water treatment methods



Water treatment occurs mainly in two ways.

Softner

The result obtained by using the water softener is to eliminate the calcium Ca^{2+} and magnesium Mg^{2+} ions, responsible for the hardness of the water.

This effectively prevents the formation of encrustations which over time reduce the performance of the machines and cause malfunctions.

Reverse osmosis

Thanks to the very high degree of filtration that characterizes reverse osmosis machines, it is possible to obtain water with high quality characteristics.

Water, passing through one or more membranes, is deprived not only of the elements that determine its hardness, but also of all substances contaminants, responsible, for example, for unwanted odors and flavors.

For excellent results and long maintenance intervals, the two technologies can be combined.



Achieving a high quality standard of water means having a successful accelerator of your business. Just treat the water and in less time you will have impeccable washings, less limescale residues in the machine e sparkling glasses without drying.



01

Sparkling glasses after reverse osmosis treatment. Goodbye manual polishing.

With reverse osmosis, washing will be carried out with excellent water and free of any contaminants or harmful substances. In fact, osmosis is the most refined and advanced filtering water technology. Refining the water before washing allows cutlery and glasses to come out free of stains or streaks.

02

Up to 2/3 less detergent and rinse aid. Goodbye to descaling chemicals.

When dirt is not soluble in water, it is necessary to intervene with chemicals. The more the water is not refined and rich in insoluble salts, the more detergent and rinse aid must be used regardless of the dirt. It is with refined water that you really use the detergent useful for cleaning.

03

Reduces wear on glass and ceramic.

The salts present in the water in the long run have an abrasive effect on the surfaces. It is for this reason that washing with water low in salts gives benefits to dishes. In fact, washing with osmosis water guarantees a longer life to the tools by not attacking glass and ceramics.

04

Defends your machine from fouling. End of use of descaling chemistry.

The limestone deposits lead to occlusion of pipes, fittings, pumps and as many as other parts of the system in contact with water. These deposits reduce the performance of the machine in terms of efficiency. Osmosis water excludes this type of problem.

05

Goodbye manual drying.

The best washing results are obtained with osmotic water free of calcareous or mineral residues. Such a precious water does not adhere to perfectly smooth and degreased surfaces, leaving the glass shiny, without halos, stains or patinas.

Products

Investing in a water treatment system may seem like it expensive, but, in the medium to long term, the benefits far exceed the costs incurred.

Always efficient machines, low maintenance and elimination of the time used for polishing cutlery, plates and glasses, are fundamental aspects in the catering sector.

Not to mention customer satisfaction, now more and more careful not only to the taste of the dishes, but also to the way in which they are proposed.



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available from January 2021

COMPACT

Results in a small space.

Compact and performing, our water softener ensures brilliant results and low costs. Perfectly sized for small requirements, it is the ideal ally to always keep your equipment on order. Also available with the exclusive tw salt:detector. Goodbye encrustations and halos, welcome shine!



Compact dimensions	Compatible with tw salt: detector
Large control display	Float safety valve
Volumetric	Key lock function
Valve with integrated by-pass	Minimum and maximum salt level indicator
Capacity	30 mc°F
Connections	3/4"
Flow rate	0,25 mc/h
Strong cationic resin	5 L
Dimensions	225 x 430 mm h 370 mm





easy:slim

The most compact and complete.

It is functional and useful. This most "slim" model of the "Easy" family, despite its reduced size, does not lack in functionality and performance. The electronic control mechanism, the inner Profine® prefiltration, the flow rate of 120 -140 l/h and its reliability places it in high in the professional reverse osmosis system sector. It is as good as its big "sisters"!



System by-pass valve	Easy access to the configuration menu
Adjustment of residual salinity	Electronic controls
Removable top door	Anti-flooding and filter change alarms
Case in AISI 304 SB stainless steel	Capillary system for the calibration of the recovery rate
Small size	

Equivalent sound level measured during normal operation (dB (A))	<70
Membranes	nr. 4
Prefiltration on board	Profine® Blue Small
Weight	16 kg
Flow rate	120 - 140 L/h at 15°C
Connections	IN 3/4" M - BSP OUT 3/4" M - BSP
Drain	6 mm quick coupling
Dimensions	427 x 555 h 120 mm





osmo:maxi

It never stops!

OSMO:MAXI comes from Think:Water's experience to never stop! Provided with a water-cooled engine, it makes reliability its main characteristic. It is "maxi" in performance too. With its 120 - 140 l/h, it always guarantees water quality from the first to the last litre. Profine® Blue external prefiltration is provided and included in the offer.



Continuous work	Capillary system for the calibration of the recovery rate
Suitable for all industrial applications	By-pass valve system
Easy access to the configuration menu	Output conductivity adjustment
Minimized maintenance costs	Anti-flooding and filter change alarms
Electronic controls	

Equivalent sound level measured during normal operation (dB (A))	<70
Membranes	nr. 2
Prefiltration on board	Profine® Blue Small
Weight	20 kg
Flow rate	124 - 140 l/h at 15°C
Alarms	Anti-flooding / Minimum pressure / Filter change
Connections	IN 3/4" M - BSP OUT 3/4" M - BSP
Drain	1/4" quick coupling
Dimensions	145 x 560 h 455 mm





osmo:maxi XL

High performance in 10 cm more.

OSMO:MAXI XL is the biggest sister of Osmo: Maxi. The same reliability with increased performance. 60 liters more per hour for great performance. 180 l/h that continue in time without stopping. The Profine® Blue prefiltration is provided. One more membranes in just 10 cm of difference than the smaller one. The pre-filter becomes medium for much osmotic water.



osmotic water

Increased performance	Permeate conductivity regulation valve
High flow rate	Anti-flooding and filter change alarms
Suitable for all industrial applications	Bypass valve system
Capillary system for the calibration of the recovery rate	

Equivalent sound level measured during normal operation (dB (A))	<70
Membranes	nr. 3
Prefiltration on board	Profine® Blue Medium
Weight	25 kg
Flow rate	180 l/h at 15°C
Alarms	Anti-flooding / Minimum pressure / Filter change
Connections	IN 3/4" M - BSP OUT 3/4" M - BSP
Drain	1/4" quick coupling
Dimensions	145 x 560 h 580 mm





easy:fast

Ideal partner in closed cycles.

It is characterized by the extraordinary instantaneous flow and the adjustable display. EASY: FAST is equipped with pressure tank inside the cabin. It is primarily used to serve dishwashers and glass-washers that do not require the use of an internal break tank and for all applications where high flow power and cycles are required. It is fast and extremely hardworking!



Internal storage tank	Permeate conductivity regulation valve
Extraordinary instant flow	Anti-flooding and filter change alarms
Suitable for washing systems without break tank	Bypass valve system
Instant high flow	Pre-filter conditioning valve
Capillary system for the calibration of the recovery rate	

Equivalent sound level measured during normal operation (dB (A))	<70
Membranes	nr. 4
Prefiltration on board	Profine® Blue Small
Weight	20 kg
Flow rate	140 l/h at 15°C
Alarms	Anti-flooding / Minimum pressure / Filter change
Connections	IN 3/4" M - BSP OUT 3/4" M - BSP
Drain	1/4" quick coupling
Tank	7,5 L
Dimensions	175 x 630 h 480 mm





easy:blue

Flow rate champion.

EASY:BLUE is a reverse osmosis system with the higher production of finely treated water in equal dimensions, thanks to 240 l/h in 0,05 sq.m.
The easily removable plastic front panel allows easy access to motor, pump and electronics.



osmotic water

Small size	Equipped with display
High flow rate	Maximum performance
Equivalent sound level measured during normal operation (dB (A))	<70
Membranes	nr. 4
Prefiltration on board	Profine® Blue Medium
Weight	18 kg
Flow rate	240 l/h at 15°C
Alarms	Anti-flooding / Minimum pressure / Filter change
Connections	IN 3/4" M - BSP OUT 3/4" M - BSP
Drain	8 mm
Dimensions	270 x 410 h 450 mm





easy:wash

Professional washing artist.

For those who make washing a profession, it will never leave halos. It drastically reduces the use of rinse aids and detergents in Ho.Re.Ca field. In other sectors it will make life easier where using finely osmotic water is required. 120 l/h and an inner pressure tank of 24 l of treated water satisfy every type of required washing cycle.



Compatible dimensions with the needs of the Ho.Re.Ca sector	Preloaded break tank
Capillary system for the calibration of the recovery rate	Continuous work 24 hours a day
Wheels equipped	Bypass valve system
Modular internal structure	Output conductivity adjustment
High water reserve	

Equivalent sound level measured during normal operation (dB (A))	<70
Membranes	nr. 2
Prefiltration on board	Profine® Blue Medium
Weight	30 kg
Flow rate	120 l/h at 15°C
Alarms	Anti-flooding / Minimum pressure / Filter change
Connections	IN 3/4" M - BSP OUT 3/4" M - BSP
Drain	6 mm quick coupling
Tank	20 L
Dimensions	300 x 445 h 700 mm





hydro:box

The ultimate in its class.

HYDRO:BOX has no competitors. It is not only a system, but allows you to select the necessary components to satisfy your requirements. Adding membranes, a pressure tank or a tank with a delivery pump are just some of the available options that you can choose in order to build your own HYDRO:BOX. Tripled Profine® Blue prefiltration for all the flow and the capacity that you need, as well as the power and reliability for every work load.



Designed to contain a large number of Membranness	Large water reserve for models with tank
Equipped with lockable wheels	Triple Profine® filtration system
Instant high flow rate for models with tank	Extended prefiltration autonomy

	HYDRO:BOX 5M	HYDRO:BOX 7M
Equivalent sound level measured during normal operation (dB (A))	<70	<70
Membranes	nr. 5	nr. 7
Prefiltration on board	3 X Profine® Blue Large	
Weight	35 kg	35 kg
Flow rate	300 L/h at 15°C	420 L/h at 15°C
Alarms	Anti-flooding/Minimum pressure/Filter change/High conductivity	
Tank	20 L	--
Dimensions	520 x 495 h 810 mm	





twb

Which industry are we talking about?

TWB is a reverse osmosis system that is versatile, efficient and adaptable to every industrial requirement. High rejection membranes, electronic controls for high power loads, industrial conductivity meters and many more technical characteristics make the selection of TWB the unique combined system that is adaptable to every application and work environment in the pharmaceutical and the industrial fields.



osmotic water

Cabinet box in painted steel	Wheels equipped
Large display	High power loads
Equivalent sound level measured during normal operation (dB (A))	<70
Membranes	ON DEMAND
Connections	IN 3/4" M - BSP OUT 3/4" M - BSP
Dimensions	550 x 530 h 1100 mm





Do you need support to choose the right solution?
Our team can help you to get the best results by operating
together with you the most appropriate choices for your business.

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facebook.com/profineitalia
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[youtube.com/profine cartridge](https://youtube.com/profine_cartridge)
[linkedin.com/profine srl](https://linkedin.com/profine_srl)

#lifewithoutplastic



Credits

Graphics: **tw** MKT Department
Images: Photo Design

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we
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professional
washing