

# Aqua PUR

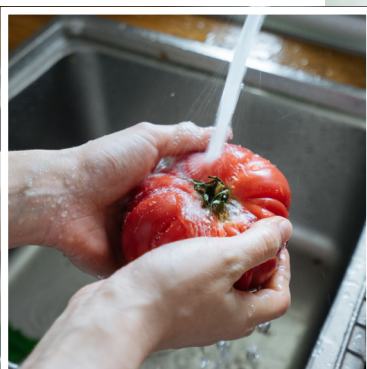
## WATER PURIFIERS OLIGOMINERAL WATER ALWAYS AVAILABLE ON BOARD!

Equipment for domestic use for the treatment of drinking water compliant with the Ministry of Health Decree No. 443 of 21/12/1990

### WATER PURIFIERS

Tecnicomar AquaPUR is a line of reverse osmosis water treatment systems, with direct production, from 70 to 100 liters/hour. Available in 4 space variants, it is contained in a solid stainless steel structure and provides safe drinking water, for washing fruit, vegetables and for cooking, directly from the tap. It is equipped with a double filtration system with a 5-micron polypropylene prefilter and a 25-micron granular activated carbon prefilter that guarantee - together with the reverse osmosis membrane - the

elimination of suspended particles such as sand, rust, sediments, chlorine, nitrates, bacteria, viruses, pesticides and all other polluting substances dissolved in water, keeping the saline balance unchanged and making it pure from any chemical and bacteriological pollution. Also recommended for ice makers, coffee machines and for the production of beverages of all kinds. Simplified installation even in small spaces. Series installation kit and oversink tap included.



AQUAPUR 100

AQUAPUR SLIM

AQUAPUR flat



# AquaPUR

WATER PURIFIERS



## What is Reverse Osmosis?

Osmosis is a natural process, known for over 200 years, on which reverse osmosis systems are based. The walls of living cells are natural semipermeable membranes. This means that the membrane is selective: some materials can pass through it, others cannot.

The semipermeable nature of the membrane allows water to pass much more easily than dissolved minerals.

If two solutions with different salt concentrations are separated by a semipermeable membrane, the water from the less concentrated solution tends to dilute the more concentrated one: this is the phenomenon of natural osmosis.

When pressure is applied to the concentrated solution, the flow of water across the membrane reverses and the reverse osmosis process is established.

The membrane's ability to selectively allow water to pass does not change, only the direction of the water flow changes.

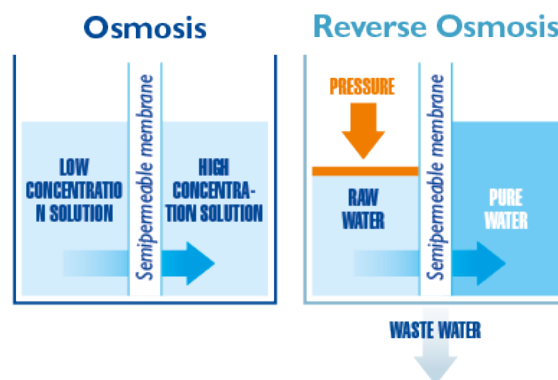
## STANDARD FEATURES

- Stainless steel frame
- Inlet solenoid valve
- Automatic shutdown for low or high pressure
- Pressure gauge
- High-flow TFC membrane
- Automatic start and stop switch from the faucet
- Automatic membrane flushing\*
- TDS reading on product water\*
- High/low pressure fault warning\*
- Manual membrane flushing
- Installation kit

\*Standard features (only for AquaPUR Slim ED and AquaPUR ED)

## ACCESSORIES

- Additional faucet for ambient temperature water
- Filtration and dechlorination system with U.V. sterilizer
- Carbonation system with CO<sub>2</sub>
- Electronic control unit with LCD display for visual control of water conductivity - *optional* -



## TECHNICAL DATA

Model	Production (liters/hour)	Daily Production (litres)	Power Supply (Volt) - Frequency (Hz) Installed Power (W)	Maximum Dimensions LxWxH (mm)
<b>AquaPUR</b>	100	2.400	230 V CA - 50 Hz - 370 W	330 X 470 X 315
<b>AquaPUR Slim</b>	70	1.680	230 V CA - 50 Hz - 187 W	330 X 405 X 220
<b>AquaPUR Flat</b>	70	1.680	230 V CA - 50 Hz - 150 W	420 X 410 X 95



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