

Reverse Osmosis Watermakers

STDC SY SPECIAL GREEN

SPECIAL GREEN SERIES:

The new Tecnicomar ECO watermakers produce up to 60% more fresh water and consume up to 35% less of energy consumption than others, based on the same size!

Tecnicomar STDC SY are an automatic Reverse Osmosis systems ideal for the production of high quantities of fresh water from sea water. The STDC SY Special Green series is highly reliable for a non-stop continuous operation and designed to work under extreme conditions like high and low temperatures and vibrations. The watermakers can be customized for specific

exigencies and are assembled on a solid stainless steel frame. Tecnicomar STDC SY fresh water generators are equipped with an electro-mechanical control panel with display that allows to manage all functions in an intuitive mode. They can run in manual mode in case of temporary failure. The ASME approved pressure vessels are made of reinforced fiberglass.



STDC SY 6000

TECHNICAL DATA

Model	Production by hour (litres / gallons)	Production by day (litres / gallons)	Power supply (Volt) / Frequency (Hz) Installed power (kW)	Max dimensions -L x W x H- (mm)	Weight (kg)
STDC SY 3000	600 / 158	14400 / 3805	400 V AC - 50 Hz 3-phase* - 5.5 kW	1250 x 800 x 1520	425
STDC SY 4500	800 / 211	19200 / 5073	400 V AC - 50 Hz 3-phase* - 5.5 kW	1250 x 800 x 1520	445
STDC SY 6000	1000 / 264	24000 / 6340	400 V AC - 50 Hz 3-phase* - 7.5 kW	1250 x 800 x 1520	465

* other voltages and frequencies available on demand

CONFIGURATION:

Assembled on common frame with the following parts:

- SEAWATER STRAINER
- FEED PUMP
- COARSE BACKWASHABLE FILTER
- CARTRIDGE PREFILTER GROUP
- ANTISCALANT DOSING SYSTEM
- HIGH PRESSURE MOTOR-PUMP SET
- PRESSURE VESSEL GROUP
- CONTROL PANEL WITH CONTROL BOX
- ACTIVATED CARBON POST-FILTER
- CLEANING/FLUSHING SYSTEM

