

# STDC SY

STDC series watermakers are automatic reverse osmosis systems ideal for the production of large quantities of fresh water from seawater. The STDC Special Green series is highly reliable and is designed for continuous operation in extreme conditions of high and low temperatures and vibrations. STDC watermakers can be customized for specific needs and are mounted on a robust stain-

less steel frame. They have an electromechanical control panel with display that allows management of all functions intuitively. In case of temporary failure, they can work in manual mode.

The high-pressure vessels made of reinforced fiberglass are ASME approved.



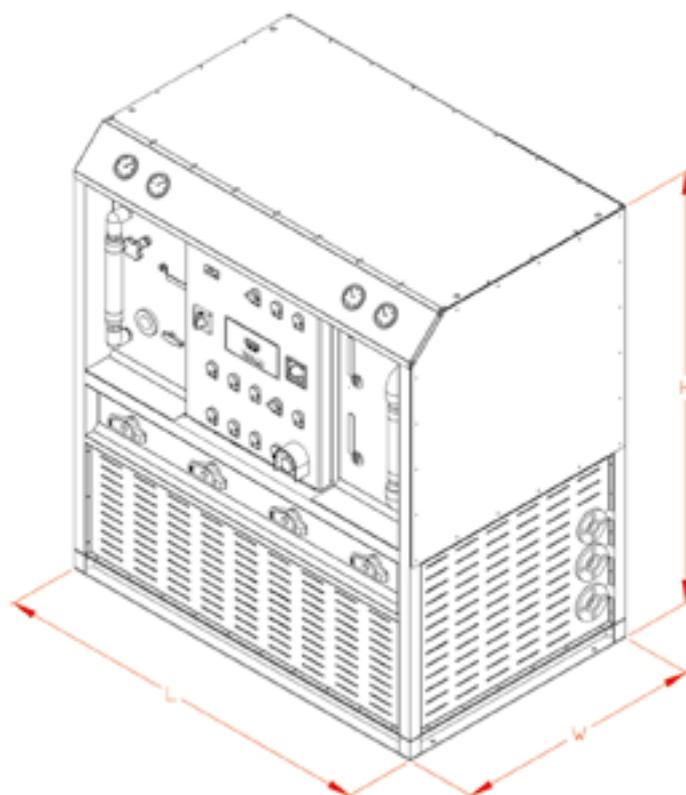
STDC SY 6000

**\*other voltages and frequencies available on demand**

### CONFIGURATION

Assembled on frame with the following components:

- SEAWATER STRAINER FILTER
- FEED PUMP
- SEDIMENT FILTER
- CARTRIDGE PRE-FILTRATION GROUP
- ANTISCALANT DOSING SYSTEM
- HIGH-PRESSURE MOTOR-PUMP GROUP
- HIGH-PRESSURE VESSEL GROUP
- COMMAND AND CONTROL PANEL
- ACTIVATED CARBON POST-FILTER
- MEMBRANE WASHING AND FLUSHING SYSTEM



### TECHNICAL DATA

Model	Production by hour (litres / gallons)	Production per day (litres / gallons)	Power supply (Volt) Frequency (Hz) Installed Power (kW)	Max dimensions -L x W x H- (mm)	Weight (kg)
<b>STDC SY 3000</b>	600 / 158	14400 / 3805	50/60 Hz 3-phase* - 5.5 kW	1250 x 800 x 1520	425
<b>STDC SY 4500</b>	800 / 211	19200 / 5073	50/60 Hz 3-phase* - 5.5 kW	1250 x 800 x 1520	445
<b>STDC SY 6000</b>	1000 / 264	24000 / 6340	50/60 Hz 3-phase* - 7.5 kW	1250 x 800 x 1520	465

\*other voltages and frequencies available on demand