

# OASI

OASI modular plants are the ideal choice when energy and available space are limited on a sailing or motor boat.

They can be powered by batteries connected to wind or photovoltaic generators, without the need for an electric generator, and leave you free from constraints, inconveniences and costs of drinking water supply in tourist places. These new generation watermakers use a low-pressure pump to increase water pressure to only about 15 bar. The high pressure necessary to activate the reverse osmosis process (55-60 bar) is achievable through a hydraulic pressure multiplier. It allows energy savings

of up to 80% compared to traditional water treatment plants as it requires only the initial energy of the low-pressure pump to bring water into the watermaker. OASI excels in ease of use, quality of components (such as the stainless steel structure, high-pressure fittings, FDA-approved membranes and filters and lightweight and resistant carbon fibre vessels). On request, it can be supplied with automatic membrane flushing, electronic control panel and remote control for greater comfort, as well as with an activated carbon filter to improve the taste of produced water.



STANDARD CARBON FIBRE VESSELS

## STANDARD FEATURES

- LOW ELECTRICAL CONSUMPTION: 4.8 W/LITER (AVERAGE)
- AUTOMATIC PRESSURE REGULATION
- HIGH AND LOW PRESSURE GAUGE
- AVAILABLE VOLTAGES: 12/24V DC
- EASY INSTALLATION, OPERATION MONITORING AND MAINTENANCE



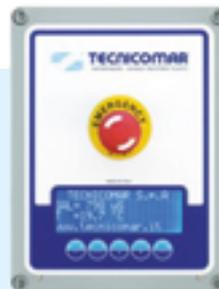
## ACCESSORIES



CDMAR-3 remote control - Optional



7" LCD touch-screen remote control - Optional



Microprocessor control unit - Optional



Filter for automatic membrane flushing - Optional



### CONFIGURATION

1. SEA COCK VALVE
2. CHECK VALVE
3. SEA STRAINER
4. MOTOR PUMP 12-24 V CC
5. PREFILTER 5  $\mu$
6. OASI PUMP
7. REVERSE OSMOSIS MEMBRANE PACK
8. PRODUCED WATER
9. BRINE WATER
10. CONTROL PANEL



### TECHNICAL DATA

Model	Production per hour (litres / gallons)	Production per day (litres / gallons)	Installed Power (kW)	Voltage (Volt)	Current drain (Amps)	Weight (kg)
<b>OASI 30</b>	35 / 9.2	840 / 220	0.2	12 / 24V DC	14 (12 V) / 8 (24 V)	26
<b>OASI 60</b>	60 / 15.8	1440 / 379	0.55	12 / 24V DC	38 (12 V) / 20 (24 V)	37