

# Watermakers for sea water

Potable water: MT-1500, 2300, 1800, 3200, 4500, 5500 and 6000 L/24h



An example of Enwa's SRH series - 5500 L/24h

Watermaker produces drinking water from sea water based upon the reverse osmosis membrane technique.

The capacities are 1500, 2300, 1800, 3200, 4500, 5500 or 6000 l/24h from seawater (20° C).

The quality of the drinking water is continuously monitored by a conductivity sensor.

The design is ideal for simple service and maintenance.

Also available in split mounted version.

## The unit is suitable for:

- Commercial vessels
- Fishing boats
- Sailing boats
- Households with sea water



## Standard

- High pressure plunger pump
- Stainless steel rack
- Continues control of the outgoing water quality, via a conductivity sensor and a dumping valve
- Automatic flush after each stop, via an active carbon cartridge filter to neutralize chlorine
- Low pressure switch prior the high pressure pump
- Feed water particle filter (5 micron)
- High pressure water gauge
- Feed water pressure gauge
- Safety release valves
- Flow meter for production flow
- All electrical equipment minimum IP54
- Level switch in storage tank can be connected for start and stop.

## Optional Equipment

- Feed pump in bronze
- Automatic pre-sand filter
- Chemical cleaning equipment with 45L tank and connections
- Remineralization post-filter
- UV sterilizer
- Storage tank
- Distribution pump
- Spare parts and consumables package



Sandfilter SA-1035 Clack-WS1 RO  
Composite tank  
Automatic back flushing



Remineralization filter N-66 RO  
Stainless steel, AISI 316

	MT-1500	MT-2300	MT-1800	MT-3200	MT-4500	MT-5500	MT-6000
Capacity (m <sup>3</sup> /24h) *	1.5	2.3	1.8	3.2	4.5	5.5	6.0
Installed power HP (kW) (50 / 60Hz)**	1.5	1.5	1.5	1.5	1.5	1.5	2.2/2,54
Installed power feed pump(kW) (50 / 60Hz)	0.55	0.55	0.55	0.55	0.55	0.55	0.55
Raw water flow (liter/min)	11	11	11	11	11	11	13
Membranes (2.5")	2 pcs short	3 pcs short	1 pcs long	2 pcs long	3 pcs long	4 pcs long	5 pcs long
Width (mm)	900	900	1300	1300	1300	1300	1300
Depth (mm)	450	450	450	450	450	450	450
Height (mm)	520	520	520	520	520	520	520
Weight dry (kg)	55	59	62	65	68	78	85
Weight (operational) wet (kg)	59	65	66	72	78	91	101

\*The capacity is calculated with a sea water temperature at 20°C and a TDS at 35 700ppm. The treated and produced water flow will decrease with lower temperature.

\*\*The system is available for 220V 1-phase or 230-690V/50-60Hz 3-phase.

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