

WATERMAKERS

MT-1500, 2300, 1800, 3200, 4500, 5500 and 6000 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 (25° C).

The quality of the drinking water is continuously monitored by a salinity meter.

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



	MT-1500	MT-2300	MT-1800	MT-3200	MT-4500	MT-5500	MT-6000
Capacity (m ³ /day)	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
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)	10	10	10	10	10	10	13
Membranes (2.5")	2 pcs short	3 pcs short	1 psc 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 25°C and a TDS at 35 500ppm. The treated and produced water flow will decrease with lower temperature.

Standard

- High pressure plunger pump
- Continoues control of the outgoing water quality, via a salinity meter and a dumping valve
- Automatic flush after each stop, via a carbon cartridge filter (neutralizing the chlorine)
- Low pressure switch before the high pressure pump
- Feed water particle filter (5 micron)
- Feed water pressure gauge
- Safety valves
- Flow meter for production flow
- All electrical equipment minimum IP54
- Low pressure switch on the suction side of the high pressure pump
- Level switch in water tank can be connected for start and stop

Optional Equipment

- CIP cleaning tank
- Remote control
- Re-hardening filter in stainless steel, to increase pH
- UV sterilizer
- Dosing equipment for chlorine, anti-scalant or chlorine removal
- Prefiltration sand filter
- Spare parts and consumables package
- Portable conductivity meter and pH meter



Sandfilter SA-1035
Glasfiber vessel
Automatic back flushing



Re-hardening N-66
Stainless steel, AISI 316

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