

www.eco-systems.com

One of the main guide lines of Eco-Systems Watermakers S.L. has always been coping with product design.

**emphasizing technical simplicity and maintenance.**

Nowadays, more than 4.000 systems are installed in the remotest locations of the planet producing fresh water for their owners. Satisfaction guaranteed, **always working in a silent mode with the minimum possible energy consumption.**

More than 40 dealers across the 5 continents



**EcoSystems**  
energy recovery watermakers

**ECO-SYSTEMS WATERMAKERS S.L.**

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**EcoSystems**  
energy recovery watermakers

*give life, make water*

Salat Water to  
**Fress Water**  
**Only 2.75** kw/1m<sup>3</sup>



Patented  
Technology



ENERGY SAVING  
**80%**  
UP TO



## Integral / Water-pro

**Low energy consumption watermaker suitable for houses, shops, boats and small industries.**

INTEGRAL series encompasses the simplest and most compact seawater watermakers of the ECO-SYSTEMS WATERMAKERS range. Equipped with integrated membranes without pressure pipes.

The WATER-PRO series, using the ST-15 pump with ceramic technology, offers solutions to production requirements from 60 to 90 liters per hour. Modular and Compact configurations available. BASIC models ( manual fresh water flushing) or STANDARD models ( automated fresh water flushing and speed control), are all suitable for power supplies of 12 V/24V DC and 220 V AC.

### Splash - 25

Pvp.: **3.790 €**



### Splash - 30S\*\*

Pvp.: **4.990 €**



### S - 60\*

Pvp.: **8.490 €**

### S - 90\*

Pvp.: **9.990 €**

	Splash - 25/30	S - 60	S - 90
Energy consumption	160w/h	350w/h	540w/h
Average Amp. consumption	13,3A/12v - 6,7A/24v	29A/12v - 14,6A/24v - 1,6A/220v	45A/12v - 22,5A/24v - 2,4A/220v
Booster pump minimum inlet pressure	+0,05 bar	+0,05 bar	+0,05 bar
Booster pump outlet pressure	7,5 - 9,5 bar	10 - 12,5 bar	11 - 14 bar
High pressure pump outlet pressure	45 - 55 bar	45 - 60 bar	45 - 60 bar
Feed Flow	350 l/h	600 l/h	900 l/h
Average effective production	25 l/h (+/- 10%)	60 l/h (+/- 10%)	90 l/h (+/- 10%)
Conversion	7,1%	10%	10%
Rejected /permeated ratio	9 : 1	9 : 1	9 : 1
Osmotic membrane type	FR-80-25/21 SPECIAL	2 membranes 2,5"x 21"	3 membranes 2,5"x 21"

\*\* Equipped with automatic fresh water flushing and speed control.

## Efficient T-200/300

**Low consumption watermaker recommended for restaurants, residences and large yachts.**

The EFFICIENT series uses the NEW rotating EFFICIENT pump producing from 200 to more than 300 litres per hour with a revolutionary Energy Recovering System with a significant reduction of power consumption.

The highly automated process as well as the monitoring of pressures, flows, salinity .. ensure an efficient and self regulated operation. Despite of the automated operation , a manual operation mode is still available.



### T - 200

Pvp.: **14.490 €**

### T - 300

Pvp.: **15.990 €**

	A - 200	A - 300
Energy consumption	920w/h	1380w/h
Average Amp. consumption	4,2A/220v	4,3A/220v
Booster pump minimum inlet pressure	+0,05 bar	+0,05 bar
Booster pump outlet pressure	1 - 2 bar	1 - 2 bar
High pressure pump outlet pressure	45 - 60 bar	45 - 60 bar
Feed Flow	900 l/h	1200 l/h
Average effective production	200 l/h (+/- 10%)	300 l/h (+/- 10%)
Conversion	22%	25%
Rejected /permeated ratio	3,5 : 1	3 : 1
Osmotic membrane type	FR-80-25/40 HF (3 membranes)	FR-80-25/40 HF (4 membranes)

\* Modular installation available (components installed separately).

## Efficient T-2000/4000

**Efficient T-2000 is a self-sufficient fix/portable watermaker that produces drink water from seawater, salty water or fresh contaminated water.**

The main feature of our device is our patented energy recovery system.

The EFFICIENT series is capable of producing 2.000-4.000 L/h with an 80% energy saving compared to existing units in the market. The EFFICIENT T-2000/T-4000 is specially designed for human, agricultural or industrial applications.



### T - 2000

Pvp.: **44.900 €**

### T - 4000

Pvp.: **89.900 €**

	EFFICIENT T-2000	EFFICIENT T-4000
Total installed power	7 Kw/h	14Kw/h
Average consumption	5,5 Kw/h	11 Kw/h
Booster pump minimum inlet pressure	0,5 bar	0,5 bar
Booster pump outlet pressure	4 bar	4 bar
Outlet pressure after filters	1,5 bar minimum	1,5 bar minimum
High pressure pump outlet pressure	45 - 60 bar	45 - 60 bar
Feed Flow	5.000 l/h	10.000 l/h
Average effective production	2000 l/h (+/- 10%)	4000 l/h (+/- 10%)
Daily production	50 m3/day	100 m3/day
Conversion	40%	40%
Rejected /permeated ratio	1,5 : 1	1,5 : 1
Osmotic membrane type	8040 (4 membranes)	8040 (8 membranes)

Recommended retail prices, tax and transport not included