



Technical Information

WATER PRO

COMPACT S-60/90 12/24V/ 230V

Utilization

Production



WATER PRO COMPACT S-60/90

Desalination System for Sea Water, Brackish Water and cleaning of Fresh Water

S- 60 = **60 Liter/h** +/-10%

S -90 = **90 Liter/h** +/-10%

(Depends on Sea Water Temperature and Salinity) 35000 ppm.*

The heart of the system is the **ETD (Energy Transfer Device)**
The ETD produces out of large volume water with low pressure, High pressure, with a low volume of water. The built in Energy recovery circuit pushes the ETD and saves energy by using the concentrate back flow.

The advantage of this system is:

The system produces almost no noise.

No high pressure regulation is needed, the system regulates by itself.

It is a switch On/Off system.

New ceramic parts extend the time between overhaul.

More Water is pumped through the membrane which extends membrane life and increases water quality.

*ppm (parts per million TDS= Total dissolved solids.



Membrane

TFC S-60 2x SHF 2521, S-90 3x SHF 2521

Pre-Filter

Pre-Filter 5 μ with expansion Tank

Connection sizes

1/2" hose connection. Feed Pump must be at or below the waterline

Concentrate Flow

1/2" hose connection. Outlet must be over the Waterline.

Voltage

S – 60 = 12V 29A, 24V 14,6A 230V 1,6A
S – 90 = 12V 45A, 24V 22,5A 230V 2,4A

Weight

ca. 45 Kg.

Water Quality

In Sea Water less than 500PPM. Below WHO Standard

Delivery

Ready to install. Membranes, Pre-Filter, Feed Pump, Freshwater Flush System, ETD, Control Panel.

Warranty

2 Years on the system, unlimited warranty on the pressure vessel.

Extras

Spare Filter, spare Membrane, overhaul kits, preservation Chemicals

