



DESIGN & QUALITY
HIGH FLOW SYSTEM
RELIABILITY



Sailboat

WHAT IS IT?

The water in its natural state takes a large amount of bacteria coming from the dregs of the animals or vegetable waste dragged by the rains. Furthermore some of this water contain a high content of salts as sodium, calcium, boron, iron, chlorides, sulphates, nitrates and bicarbonates... Some of which are not visible.

The equipments of Reverse Osmosis produces a pure water by means of filtration, decoloration and separation of mineral and the impurities with an effectiveness of until 90% are reduced.

PROCESS

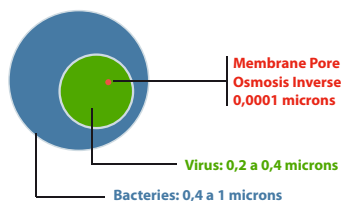
Reverse Osmosis lodges a semipermeable membrane in which there is separated the water "Permeado" or product and rejected or concentrated water. The water that crosses the membrane is named "Permeado", it is the water produced without loads of salts and the rejected water is the concentrated of salts.

To each side of the module there is a filtration, one does of previous filtrate of the water it is profiltration. The postfiltration does the same operation with the "Permeado". The product water goes into a pressurized container in which it remains until it is used.

Their small size and study design, makes inverse osmosis for domestic use easily fit in small areas, for example under the worktop or a closet.

AVANTAGES

- Water quality always at your disposal.
- Savings in the purchase of water.
- Without having to store bottles or jugs.
- To cook and drink with water quality.
- Essential for low sodium diets.
- Healthy and secure for the baby's food.
- Ideal use with plants, specially the delicate.
- For batteries of car and steam irons.



DAMAGING HEALTH	
Chlorine	100%
Phosphate	98% - 99%
Manganese	95% - 99%
Silver	93% - 98%
Sodium	93% - 95%

HIGH HEALTH RISK			
Arsenic	94% - 96%	Detergents	96% - 98%
Mercury	96% - 98%	Herbicides	100%
Selenium	94% - 96%	Insecticides	96% - 98%
Aluminium	96% - 99%	Nitrate	92% - 95%
Cyanire	92% - 95%	Nickel	98% - 99%
Ammonia	86% - 92%	Lead	96% - 98%
Bacterias	100%	Pesticides	96% - 98%
Chromium	96% - 98%	Radioactivity	96% - 98%
Copper	96% - 98%	Sulfide	96% - 98%
Dissolve	98% - 99%	Methanes	98% - 99%

UNPLEASANT	
Fluoride	87% - 93%
Iron	95% - 99%
Magnesium	96% - 98%
Potassium	87% - 90%
Silicate	85% - 90%
Sulfate	96% - 98%
Turbidity	98% - 99%

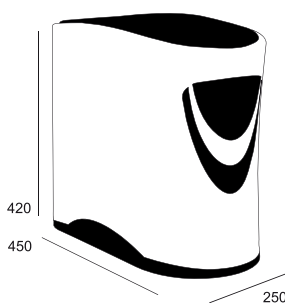
MODELS

REF.	DESCRIPTION
ESA1001	Sailboat without pump
ESA1002	Sailboat with pump

ACCESSORIES

REF.	DESCRIPTION
FCS-10	Sediment cartridge
FCC-10	Cartouche carbon active.
RO5006	Pressure pump 50 - 75 GPD.
RO5005	Transformer 24 V.
RO4003	Membrane FILMTEC - 50 GPD.
FP1006	Carbon post-filter.

COMMON CHARACTERISTICS	WITH PUMP - WITHOUT PUMP
Membrane FILMTEC	75 GPD - 75 GPD
Pre-filter	Sediments 5 microns
Voltage entry / exit	220 V/50 Hz - 24 V/1,2 A
Entry/ Exit	1/4"
Rejection of Salts	97%
Pre-filer of Sediments	Cartridge de 5 microns
Pre-filter of Carbon Active	1 Carbon GAC + 1 Carbon CTO
Membrane Osmosis Inverse	FILMTEC
Post-carbon	1 Carbon GAC
Accumulation	6 Liters
Faucet	with ceramic valve



* mesure eu mm.

