

Brackwasser



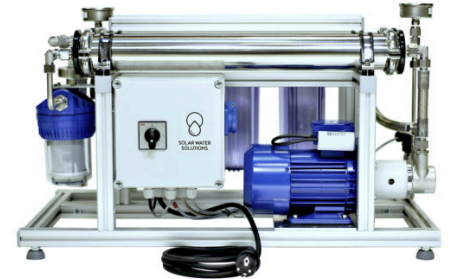
BRACKISH WATER RO UNITS

Our Brackish Water product line can turn any lake, river or contaminated borehole into a source of clean drinking water.

The units save borehole water with a unique ANVS® recycling system that can have a recovery rate of 85%.

Energy consumption is only 0,6 kWh/m³ in hybrid use.

SolarRO mini 150 BW



Product water flow	150L/h — 60L/h
Feed water	Freshwater — Brackish
Feed water TDS	500 mg/L — 6000 mg/L
Feed water temperature	18°C
Salt Rejection	99 %
Motor	370 W / 230 VAC or 300 W / 24 VDC
Pump	Rotary vane
System pressure	9–12 bar, automatically self adjusting
Pressure Vessel	2 x 2521, stainless steel 316L
Membrane	2 x 2521, polyamide
RO piping	Stainless steel 316L
Pre-filter	3 x 10" (5µm, 50µm ,100µm PP filter)
Pre-filter casing	3 x 10" PVC
Permeate post treatment	1 x 5" 5µm 800mg Activated Carbon, Ultraviolet
UV lamp life span	9000 hours
Permeate quality	pH 6.5–8.5, 100% disinfected
Power requirement	max. 370 Wp
PV panels recommended	4 x 250-275 Wp / <37 Voc
Dimensions	L=77cm, W= 45 cm, H= 44 cm
Weight	28 Kg

Technical specification

- CE certification
- Marine grade aluminum frame
- Can operate continuously the whole day
- Low energy consumption
- Silent run (<54 dB from 1 m distance)
- Easy to install, automatic plug & play system
- Chemical-free purification

www.brackwasser.fi

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