

TWU 010

The TWU 010 RO System is a mobile, compact and low energy consuming appliance. It can produce approximately up to 1300 liter per day of drinking water from any saline sources.

The core part of the system is a reverse osmosis system with unparalleled efficiency. Despite the high technical requirements on the appliance, the system is simple to operate and is impressive in its ease of use.

The system is very quick to construct, consists of various modular building blocks and is, among other uses, completely suitable for use in decentralized water production.

However, even small hotels on the sea, or drinking water production from saline sources are among the typical areas for its application.

The system is supplied in different configuration and allows higher production from brackish water sources up to TDS of 10.000 mg/l.



Raw water source

Size of removed particles

Quality of produced water

Application / Installation

Capacity

Pre filter with mechanical flushing

Pre filter (cartridge)

Membranes

Activated carbon filter

Energy supply

Energy consumption unit

Energy consumption (incl. borehole pump)

Power connection

External dimensions

Weight

Appliance design:

Intake pump

Tube packet

Municipal water, low turbidity <1 NTU, saline and anorganic contamination, up to TDS 40,000 mg/l

demineralisation

demineralised

local installation

60-90l/h

1 x 25 micron

1 x 5 micron

1 x RO

20 micron

power connection or PV

150 W

400 W

220 V, AC 50 Hz, 10 Amp

110 V, AC 60 Hz, 10 Amp

24 V DC

500 x 400 x 1800 mm

160 kg

net
anodized aluminum and chrome steel

1 piece

max. 800 l/h / 8 bar pressure

20m

