



The solar water treatment system TWU 002

Trunz Water Unit 002

The Trunz solar water treatment unit TWU 002 is complete and ready to deploy. It provides approx. 900 l of potable water per hour from any non saline water source with a max. turbidity of 1 NTU. Powered by solar energy it can run without ongoing fuel and fuel transportation costs. The system is complete with feed pump, automatic back flushing filtration, batteries, solar panels and controls. An Ultrafiltration membrane removes all virus and bacteria without requiring toxic chemical treatment. This process retains the natural minerals in the source water. The Trunz solar water treatment unit is ideal for decentralised water purification in remote communities, clinics, resort application etc. The system is very compact, easy to install and to maintain.

ideal for decentralised water purification

up to 8'000 litres per day

exceptionally energy efficient



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Technical Specifications

Dimensions:

1000x 400 x 1800 mm

Weight:

450 kg

Power supply:

Solar, 24 VDC

Prefilter with back flushing system:

1x 100 micron, 2x 25 micron, 1x 5 micron

Membranes:

Ultrafiltration

Activated carbon filter:

1 x 20 micron

Power input:

220 VAC 50 Hz, 10 Amp.

110 VAC 60 Hz, 16 Amp.

Energy consumption incl.

borehole pump:

350 Wh