

TBL 003

TRUNZ BRACKISH LIGHT 003

The Trunz water desalination unit TBL 003 is complete and ready to deploy. It provides up to max. 650 l of potable water for hour from any brackish water source. The system is complete with feed pump, automatic back flushing filtration system and controls. An efficient Reverse Osmosis system removes dissolved solids (salt, inorganic contamination etc.) as well as viruses and bacteria without requiring toxic chemical treatment. The Trunz water is ideal for decentralised water purification in remote communities, clinics, resort application etc. The system is very compact, easy to install and to maintain.



up to 5'000 ppm TDS
up to 15'600 l/day

Exceptionally energy efficient

ideal for decentralised
water purification

Dimensions	L x W x H	1600 x 400 x 1000 mm
Weight	net	183 kg
Filtration Technology		Reverse Osmosis (RO)
Raw Water Source		Brackish well, river, lake, borehole
Contamination		organic & iorganic contamination
Size of removable particles		down up to molecular size
Maximum raw water salinity		TDS 5'000 ppm
Quality of produced water		100% virus- and bacteria free TDS of drinking water is dependent to raw water salinity (app. 10 - 50 ppm)
Application / Installation		local / permanent or movables installation
Capacity		max. 500 - 700 l/h treated water
Prefilter (Pleated Type)	1 pc.	50 micron (without backflush technology)
Prefilter (Pleated Type)	1 pc.	5 micron (without backflush technology)
Membranes	3 pc.	Brackish Reverse Osmosis
Activated carbon filter	1 pc.	20 micron
Power input		24 VDC
Power consumption unit		310 W
Power consumption Total	incl. feed pump	1010 W
Controls		digital
Feed pump	1 pc.	max. 1000 l/h
Feed pump pressure		6 bar
Tube package		20 meter
min./max. water temperature		0/45° C
min./max. air temperature		0/50° C
Optional features		Solar Power Center Sandfilter Monitoring Disinfection
RO-Certificates		FDA - 21 CFR 177.2550 ISO 9001:2008