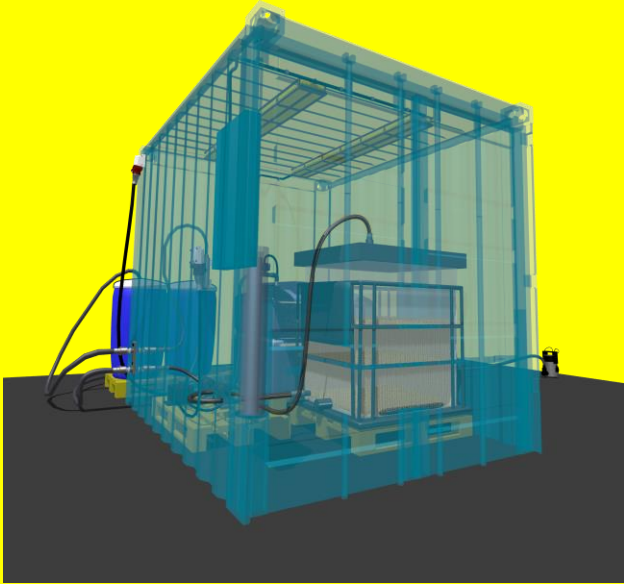


**D A B C E**

# DABCE Offgrid Water Treatment System™

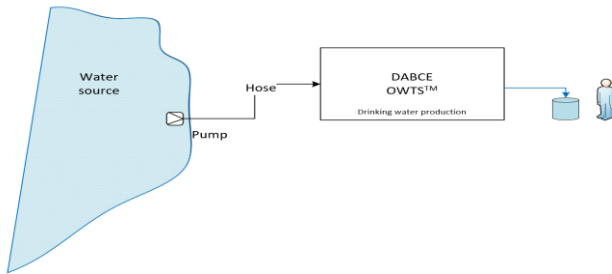


# DABCE OWTS™

## Product capabilities

The DOWTS™ is a modularized water treatment system for producing drinking water. It is delivered to the clients as a prebuilt package inside a standard shipping container.

The present product range has two different sizes named DOWTS™ M and DOWTS™ L. DOWTS™ M has capacity to produce 200 liter per hour. It is built inside a 10-foot container. DOWTS™ L has capacity to produce 500 liter per hour. It uses a 20-foot container. These two container sizes are the most common in transportation. Both can be transported on any truck. A standard container truck is equipped to take one 20-foot or two 10-foot containers.

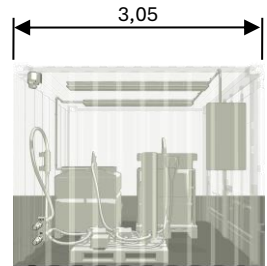
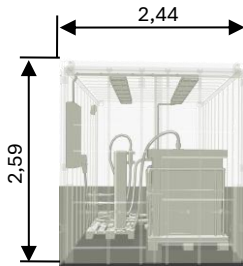
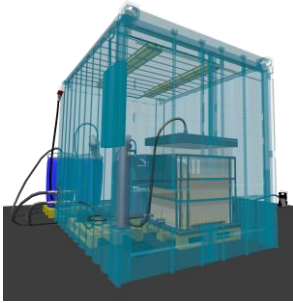


## Why use this product?

- Ease of deployment. Unloads easily with any standard forklift or crane.
- Versatility. The system can be used to full capacity while still loaded on the vehicle. With DOWTS any truck or trailer able to bear containers can quickly be converted to a mobile water production unit.
- Total off grid functionality. DOWTS can be run using voltage down to 12 V (power can be either of 12V DC, 24V DC, 220/230V AC). The trucks own electrical system can be used, or a stand-alone car battery.  
We can also provide raw water pumps accepting the same current.
- Ease of use. Anyone can operate DOWTS™ by following simple manual provided within every unit.
- Ease of repair in the field. Modular design and user friendly fittings ensures that changing parts is easier than assembling household furniture.
- Reliable even under harsh conditions. Tried and tested tech recommended by WHO\*\* in combination with our high-tech ensures steady output.
- Safe. Simplicity in operation cancel risk of human error. Multiple steps of purification ensure only high-quality drinking water leaves the system.
- Low maintenance.
- DABCE will assist you over the entire product life-cycle

\*\* Ref: WHO Reference Number: WHO/EOS/96.4

# Technical data



## DABCE OWTS™

<b>Equipment type:</b>	Off-grid water treatment by module for producing drinking water.		
<b>Dimensions:</b>	<b>MODEL</b>		
		<b>OWTS MEDIUM</b>	<b>OWTS LARGE</b>
		<b>10 foot container</b>	<b>20 foot container</b>
	Length, m:	3,05	6,06
	Width, m:	2,44	2,44
	Height, m:	2,59	2,59
<b>Weight , installation</b> (when empty of liquids)	kg	3 500	8 000
<b>Weight, in operation</b> (calculated on water)	kg	6 500	12 000
<b>Power usage</b>		250 W	800 W
<b>Electrical connection</b>		230V AC or 12V DC or 24V DC	
<b>Capacity:</b>		200 - 300 L/hour	500 - 700 L/hour
<b>Main process equipment:</b>		Slow sand filter, Ozone, UV	
<b>Process control:</b>		Optional PLC control	
<b>Options:</b>		Process control: Fully manual, but can be fitted with PLC	
		Filtration: Particle removal system integrated on skid	

**Note:** Above values may vary depending on exact product specification and product generation. For guidance only.





## DABCE Offgrid Water Treatment System

<b>Equipment type:</b>	Process skid for water treatment.
<b>Application:</b>	Production of potable water.
<b>Capacity:</b>	OWTS M 0 – 200 liters per hour. Internal storage of 2000 liters. Easily connected to external storage.
	OWTS L 0 – 500 liter per hour. Internal storage of 4000 liters. Easily connected to external storage.
<b>Models:</b>	OWTS M and OWTS L
<b>Media types:</b>	Water
<b>Power usage:</b>	1.25 Wh / liter

## DABCE - Innovating for a Greener Future

We apply data-driven analytics and strong innovation skills to help our clients develop their businesses and products in a sustainable direction.

### Let's Get In Touch!

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