

## TECHNICAL SPECIFICATIONS : BW Delta Model

<b>PRODUCT</b>	
Name	BW Delta
Raw water salt content	< 7'000 ppm, brackish
Efficiency	40%
Raw water source	well, river, lake, borehole, water grid
Application / Installation	mobile or permanent installation
<b>PERFORMANCE</b>	
Purified water : Capacity per day (24h)	max. 4000 l
Purified water : Capacity per hour	max. 170 l
Inlet requirements	Raw water tank (or 600 l/h mini if connected to water grid)
Pumping height	Max. 1 meter
<b>FILTRATION</b>	
Filtration technology	4 stages including Reverse Osmosis (RO)
Contamination	Organic / inorganic: Bacteria, viruses, cyanide, arsenic, mercury, other heavy metals, pesticides, hormones, salt, etc...
Size of removed particules	0,0001 micron
Quality of produced water	Potable water
Filtration level 1	80 microns prefilter
Filtration level 2	Ultrafiltration
Filtration level 3	Active carbon
Filtration level 4	Reverse Osmosis (RO)
Water certification to WHO standards	Scitec Research (Lausanne)
Certification of components	Reach, NSF, 1997 NF X45-103
<b>POWER SUPPLY</b>	
Power sources	Grid power or solar
Power consumption (average)	400 Wh - 0.4 kW
Installed power	600 W
Solar power	Solar, 24 V DC
Grid power	100 - 240 V AC (50/60 Hz)
<b>FEATURES</b>	
Control / Telemetry	Automatic - Display 4 keys - GSM, GPRS, SMS
Backwash	Automatic
Min./max. water temp.	0 / 45°C
Min./max. air temp	0 / 50°C
<b>HYDRAULIC CONNEXIONS</b>	
Raw water inlet	3/4"
Potable water outlet	Tube 10mm
Concentrate outlet	3/4"
Backwash outlet	3/4"
<b>DIMENSIONS / WEIGHT</b>	
Dimensions (L x l x H)	480 x 480 x 1380 mm
Weight (net)	90 kg
<b>MAINTENANCE</b>	
Telemetry : remote monitoring on web interface	
Set of spare parts + tools	Optionnal
Documentation	User Manual + Maintenance Procedures
<b>OPTIONS</b>	
Remineralization	Optionnal
UV Sterilizer	Optionnal
Chlorination	Optionnal
Solar power kit	Optionnal
Bateries	Optionnal
Installation material: Hoses, Tanks, etc...	Optionnal
Submersible pump	Optionnal
Inverter 24 V DC / 230 V AC	Optionnal
Batteries charger 110-230 V AC / 12 V DC	Optionnal