



**CAPACITY**  
1 200 - 2 000 m<sup>3</sup>/day



**POWER**  
0.29 - 0.47 Watt per  
produced liter



**CONTAINER**  
40 feet

## S1800

### DATA

Containing 2 individual series, each with 4 filter houses  
**Capacity:** 1 200 - 2 000 m<sup>3</sup>/day (based on 23 hours of production per day and 1 hour per day backwashing)  
**Power:** 24 kWh (for a standard unit) 0.29 - 0.47 Watt per produced liter of safe potable water

### CONTAINER

ISO class 40 feet high-cube sea container  
**Quantity:** 1 pcs

### PUMP

**Flow rate:** up to 833 l/min (50 m<sup>3</sup>/h) with 48 m head  
**Quantity:** 2 pcs

### CENTRIFUGAL SEPARATOR

**Flow range:** 33.5 - 65 m<sup>3</sup>/h  
**Pressure loss range:** 0.3 - 0.9 bar  
**Material:** Carbon steel  
**Pressure:** Min 1 bar Max 12 bar  
**Quantity:** 2 pcs

### TUBING AND VALVES

Single series: Dia 3" / DN 80 / 90 m  
 Main entry/exit Dia 5" / DN 125 / 140 mm

### FILTER HOUSING

Body in PA 1 100 mm x 2 310 mm with bottom and top nozzle system  
**Quantity:** 8 pcs

### FILTER MEDIA

Fraction 0.63 - 2.0 mm Aqualite™ 6 600 kg  
 Fraction 5.0 - 10.0 mm Aqualite™ 1 400 kg

### UV STERILIZER

UV-light having a light intensity of 400 Joule/m<sup>2</sup>  
**Flow rate:** up to 850 l/min (51 m<sup>3</sup>/h)  
**Standard working hours:** 10 000 h per lamp  
**Quantity:** 2 pcs

### CHLORINE INJECTION

Pulse operated  
 Injection of WHO recommended 0.5 mg/l  
 Capacity range: 0.74 - 19 l/h  
**Stroke frequency adjustment:** 0 - 100% (recommended 30 - 100%)  
**Quantity:** 1 pcs

### ADD-ONS (extra equipment)

Bag/micro or AC filtration, pH-adjustment