

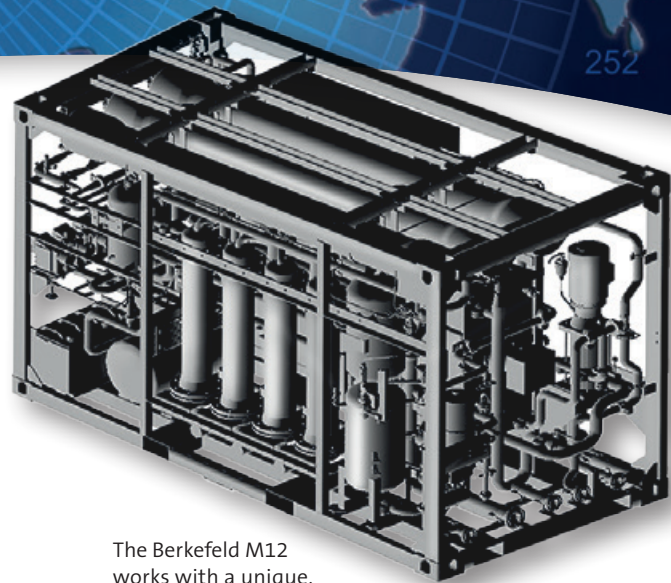
300
294
288
282
276
270
264
258
252

BERKEFELD

Berkefeld M12

Mobile Drinking Water System

highly mobile | strong build | ultra reliable



The Berkefeld M12 works with a unique, fully automated and flexible filtration process ensuring reliable and high overall performance.

M12

Military Water Purification System

Capacities

Surface water

12.0 m³/h ultra filtration permeate

Surface water

@ 5,000 mg/l salinity:
6.0 m³/h reverse osmosis permeate

Seawater

@ 35,000 mg/l salinity:
4.5 m³/h reverse osmosis permeate

Seawater

@ 50,000 mg/l salinity:
2.5 m³/h reverse osmosis permeate

Weight

M12 frame:
3,200 kg

Dimensions

M12 frame,
Length: 3,100 mm
Width: 1,500 mm
Height: 1,950 mm

Applications

- › Military use, incl. humanitarian relief missions
- › Esp. for missions abroad
- › Suitable for Main Operating Bases
- › Suitable for Forward Operating Bases
- › Suitable for Forward Operating Sites

Water sources

- › Well water
- › Surface water
- › Brackish water
- › Sea water

M12

BERKEFELD

Specifications

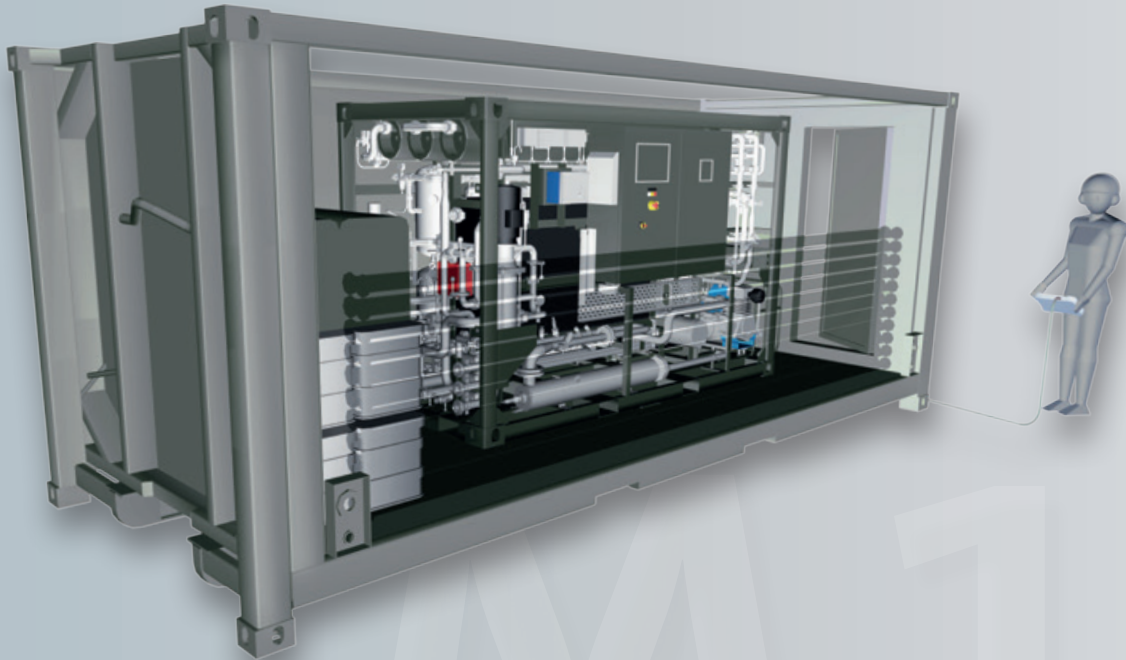
The M12 is a fully automated water purification system engineered and designed for military mission scenarios. It combines advanced filtration steps such as

- **Pre treatment**
- **Inline flocculation**
- **Pre filtration**
- **Ceramic ultra-filtration**
- **Reverse osmosis**
- **UV system**
- **Disinfection system**

These process steps are combined in a highly flexible way providing best value and mission benefit for almost any challenge. The M12 frame may be used on its own or fitted onto a trailer or installed into an ISO-Container together with a generator or any other suitable solution is possible.

Features

- › Mission orientated design for military purpose, i.e. highly flexible use and automated operation
- › Strong build, compact & rugged as well as advanced filter techniques, i.e. reliable overall performance
- › Highly mobile and easy & quick set-up for fast deployment
- › Suitable for climate zones A1, B2 and C2 (STAA4370/AECTP-230) i.e. nearly no climate limitations
- › Highly flexible use and superior HMI system, i.e. simple to operate with very little overall effort
- › System solution, i.e. easy to integrate and to adapt to further equipment (open concept approach)
- › Suitable for base integration (LOSA)



Berkefeld
VWS Deutschland GmbH
 Lückenweg 5 · D-29227 Celle
 Tel.: +49 (0) 51 41/803 - 0
 berkefeld@veolia.com

www.berkefeld.com