

Aqua Go™

Mobile Water Purification & Desalination System

Technical Specification - Mobile Water Purification & Desalination System

Product Name: Aqua Mobile™ 1.1 (AM 1.1)

Description: Mobile Water Purification & Desalination System - Lightweight Version

General Data:

- **Water Production Capacity:**
 - **Seawater Desalination:** Up to 10 m³/day
 - **Freshwater Purification** (rivers, wells, lakes): Up to 30 m³/day
- **Total Weight:** Approx. 220 kg
- **Dimensions:**
 - **Width:** 1540 mm
 - **Length:** 1450 mm
 - **Height:** 1100 mm
- **Mobility:** Mounted on a lightweight trailer to be towed by any vehicle
- **Fully Independent Operation** - No external infrastructure required

Power & Operation:

- Integrated power unit with internal generation up to 4 Kw/h
- Equipped with 23-liter fuel tanks

Operating Method

- Pre-filtration
- Ultra-filtration (UF)
- Reverse osmosis (RO) membranes for seawater desalination
- Disinfection stage (UV or chlorine, as needed)
- Real-time water quality monitoring

Additional Features:

- Potable Water Testing Kit
- Compressed Air System
- Tool Kit

Use Cases:

- Emergency response and disaster relief
- Remote and off-grid communities