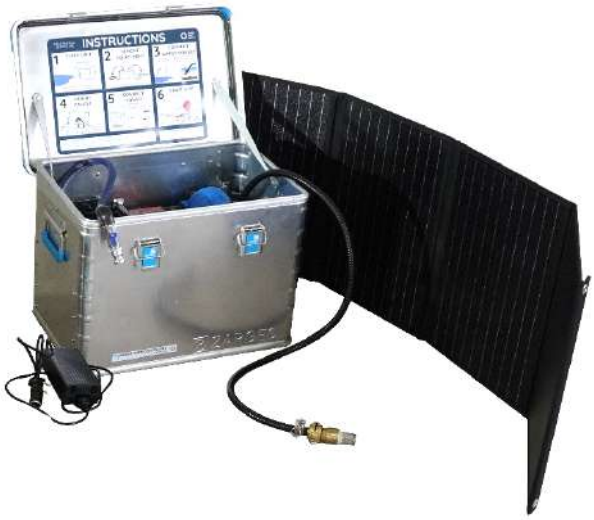
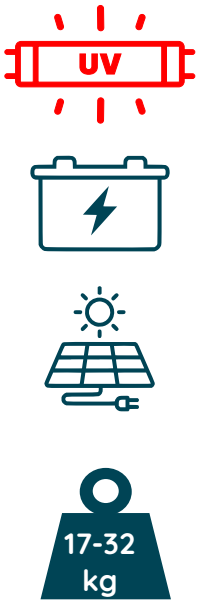
COM-W - Compact Water Purification Unit



The COM-W is our compact and mobile solution for rapid response units to purify water in humanitarian disasters. This water treatment system is the result of close cooperations with aid organizations. The mechanism is based on a multi-stage filtration with sediment, activated carbon and membrane filters as well as UV-light disinfection. This cascade enables the COM-W to be used with fresh water sources. An optional E-module extends the treatment system with a solar panel and battery for autonomous power supply. Due to its low weight, the COM-W can be carried by one person even to very remote locations.

Dimensions [l x w x h]	60 cm x 40 cm x 42 cm
Weight	17 kg [32 kg with E-module]
Format	Eurobox
Power	12 V, 120 W [230 V with E-Modul]
Connection	• Output: Camlock ½“ • Input: GEKA
Filtration performance	• Max. 450 l/h with integrated pump • Max. 600 l/h filtration capacity with UV disinfection and external pump
Filtration technology	• Sediment-Filter (1 µm) • Activated carbon (If required activated aluminium or brim) • Micro-/ Ultrafiltration (0,2 µm) • UV-Sterilisation
Water source	Non-saline water sources
Optional	• E-Module (Solar panel, charge controller, 230 V to 12 V inverter) • Chlorinator • Water hoses and distributors



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