

AQUASAFE UNITS



ARE DESIGNED TO PREPARE CLEAN AND MICROBIOLOGICALLY SAFE WATER

AQUA PLUS Ltd.

Designation:

AQUASAFE Water Treatment Units are designed to prepare clean and microbiologically safe water under emergency conditions, i.e. in cases when no source of hygienically safe water is available or in case the existing source of drinking water is deteriorated.

Use of AQUASAFE Water Treatment Units:

AQUASAFE Water treatment units are suitable for preparation of safe water in one to several m³ of volume. The **AQUASAFE** Units find their application at places of temporary concentration of people (temporary camping facilities, regular camps, etc.) where there are no sources of safe water in disposal.

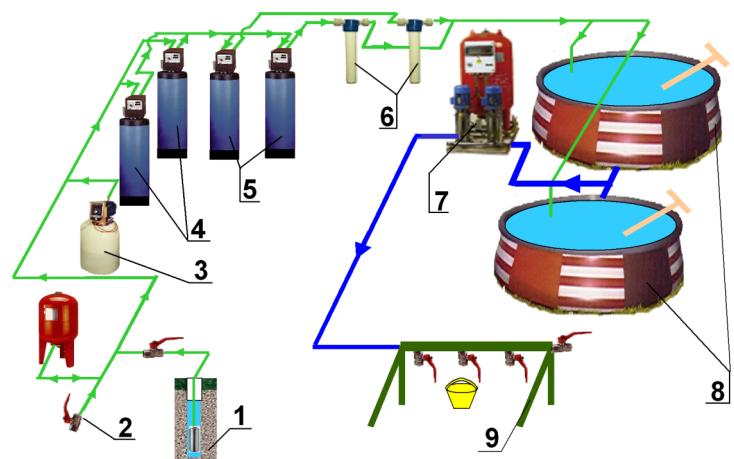
The AQUASAFE Water Treatment Technology:

The process of water treatment in **AQUASAFE** Units is based on separation of mechanical impurities, organic substances, including oil products, utilising a filter with subsequent disinfection by **AQUASTERIL®**, with the action of a disinfecting agent (active chlorine-based) and subsequent dechlorination of the product water (vitamin-based agent).

Engineering Solution of AQUASAFE Units:



Sample of Possible Settlement and Scheme of **AQUASAFE** are shown on Pictures.



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|---|-----------------------------|---|-----------------------------|---|----------------------------|
| 1 | source of raw water | 4 | sand filtration | 7 | pressure boosting |
| 2 | pressurised raw water inlet | 5 | activated carbon filtration | 8 | reaction and storage tanks |
| 3 | pre-treatment agent dosing | 6 | polishing filtration | 9 | points of use |

By dint of teamwork **KAR-BOX co.** the watertreatment equipment type **AQUASAFE** was built into **CONTAINER ISO 1C - drinking water reservoir and transporter..... more....**



AQUA PLUS Ltd., Papírenská 1136/8, 160 00, Prague 6, Czech Republic tel: 224 311 461, e-mail: aquaplus@aquapluscz.eu, www.aquapluscz.eu

