



Waterclean JAZIKA2500/5000 UF

Ultrafiltration – a compact high-performance unit.



Quick relief in emergencies: Water supply is of utmost priority.

Safe drinking water supply is one of the most elementary tasks after catastrophes or accidents but also involves enormous challenges. If no clean drinking water is available, the risk of epidemics increases rapidly. Since quite often the infrastructure is badly destroyed, it is very difficult to supply the population with this vital good.

The JAZIKA 2500/5000 UF from JAZIKA specifically developed for these scenarios is the first choice.



Reliable technology for clean water.

The first ultrafiltration system of the Waterclean series, JAZIKA 2500/5000 UF, reliably produces drinking water up to 24 hours per day. The JAZIKA 2500 UF equipped with one membrane purifies up to 2,500 litres of water per hour. By simply attaching a second membrane, the output quantity can be doubled to 5000 litres in no time.

Ultrafiltration in a very compact form.

Due to the extremely compact construction with dimensions equalling those of a Euro pallet (1.20 x 0.80 m), sturdy module frames and low weight, the system can be transported easily and thus also economically.

Easy operation.

The system is controlled fully automatically by a PLC unit and can be operated effortlessly even by persons with little training.

Technical data

Transport dimensions (l x w x h)

JAZIKA 2500 UF	1.20 x 0.80 x 1.33 m
JAZIKA 5000 UF	1.20 x 0.80 x 1.33 m

Transport weight (incl. pumps, empty)

JAZIKA 2500 UF	approx. 195 kg
JAZIKA 5000 UF	approx. 242 kg

Connected load (max.)

JAZIKA 2500 UF	approx. 3000 W, 230 V, 50/60 Hz
JAZIKA 5000 UF	approx. 3000, 230 V, 50/60 Hz

Output (depending on the quality of the raw water)

JAZIKA 2500 UF	up to 2500 litres/hour
JAZIKA 5000 UF	up to 5000 litres/hour

Operating temperature	+ 1 °C to + 49 °C
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In order to be able to supply people optimally in such a situation, enough water of sufficient quality must be available directly on site.

Innovative technology for clean drinking water everywhere.

Advantages, clear as clean water:

1 Flexible system for every requirement

The system is very compact, the individual components can be put together or separated without any tools. Thanks to the low weight of less than 100 kg, the individual modules can be carried to any place without problems.

4 Operation made easy for different users

Intuitive user guidance is provided by means of clear text display indication and pictographs for important functional elements. Purification and flushing function fully automatically.

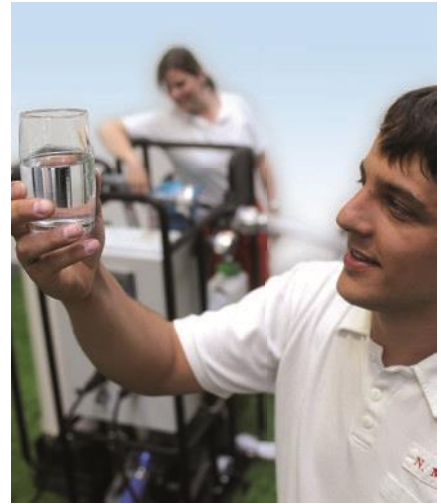
* with regard to contaminants in the form of particles, microbes and viruses in natural raw water sources



Quick set-up



Intuitive operation



Convincing clean water

2 Variable use

By attaching an additional membrane, the JAZIKA 2500 UF can be converted into a JAZIKA 5000 UF with an output of up to 5000 litres of water per hour.

3 Always clean and safe

All water-carrying components are approved in accordance with internationally acknowledged standards. The produced drinking water is free of turbid matter, microbes and viruses and meets the valid guidelines of the WHO and TrinkwV2001*.

Components

Raw water module

Raw water and drinking water hoses (incl. accessories)

Ultrafiltration module

Pre-filter for protecting the ultrafiltration module

Backwashing module

Chlorine disinfection module

Distribution box with control unit (incl. PLC)

5 Low energy consumption in combination with high performance

The system has an average performance of up to 3000 Watt at an operating voltage of 230 Volt. It can even be operated independently by connecting solar modules.

6 Cost-effective procurement and operation

Thanks to optimised flushing cycles and low consumption of operating materials, the operating costs are quite reasonable in line with the purchase price.

Flocculation module

Accessories necessary for operation

System options

Electrical power generator module for independent energy supply**

Solar modules for regenerative energy supply**

UV disinfection module as an additional safety measure

Buffer tank

Winter kit for temperatures as low as - 32 °C

Drinking water tank for storing the purified water

E-Chlorinator for independent chlorine production

Drinking water distribution station for perfect distribution of drinking water

** available on request