



WTC 5000 UF

Our WTC 5000 UF mobile water purification system produces clean drinking water from fresh water sources using the principle of ultrafiltration. The system has a very low energy requirement and can be separated into portable single modules for easy and fast transport.



The energy-efficient water purification system WTC 5000 UF has a drinking water output of up to 5000 litres per hour. By using reliable ultrafiltration membranes particles, bacteria and viruses are safely retained.

Thanks to its modularity, the system can be disassembled quickly and simply into smaller units. As each unit weighs less than 100 kg they can be easily transported, even in rough terrain.

Due to the automatic and intuitive operation, the system has a very low manpower requirement. All surfaces, which come into direct contact with drinking water have been designed in accordance with internationally accepted and recognised regulations (e.g. DVGW, NSF). Meaning that amongst others the WHO regulations on quality of drinking water as well as the German drinking water regulations can be met.

Special Features

- Reliable ultrafiltration membrane with retention of bacteria and viruses
- No chemicals required for operation due to physical filtration process
- Fully automatic operation
- Intuitive touchscreen
- Fully automatic backwashing of the membranes
- Dimensions of a standard Euro pallet
- Can be dismantled into separate modules less than 100 kg



FUTURETECH

Kärcher Group



WTC 5000 UF

Technical data

Dimensions (L x W x H) mm

1200 x 800 x 1330

Empty weight kg

240

Drinking water output l/h

Up to 5000

Raw water

Fresh water

Hose connection

Storz C

Connected load, average W

800



Accessories suitable for your system



Raw water tanks

Various raw water tanks are available to choose from, which are tailored to the customer's requirements and guarantee the continuous operation of the plant.



Hose and fittings

Broad portfolio with various materials and sizes to complete the overall system.



Water analysis sets

Allows the operator to analyze the raw water and drinking water. Both chemical and microbial water analysis sets are available.



Drinking water tanks

Various sizes and types of drinking water tanks are available for safe storage of the drinking water produced.



Water distribution

Enables safe and easy distribution and dispensing of drinking water.



Chemistry Set

Chemicals for cleaning, disinfecting and preserving the system are stored in a stable storage box.

FUTURETECH

Kärcher Group