FUTURETECH

Kärcher Group

WTC 5000 UF

MOBILE WATER PURIFICATION SYSTEM

Our mobile water purification system **WTC 5000 UF** produces clean drinking water from fresh water sources using the principle of **ultrafiltration**.

The system has a very low energy requirement and has a drinking water output of up to **5.000 litres per hour**. By using reliable ultrafiltration membranes particles, bacteria and viruses are safely retained.

Thanks to its modularity, the system can be dis-assembled 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 that come into direct contact with drinking water comply with internationally recog-nised regulations, such as DVGW, ACS and NSF. This forms the basis for ensuring **drinking water quality**, among other things. In numerous field applications worldwide, the quality of the drinking water produced has reliably met local requirements (e.g. USEPA Drinking Water Regulation, German Drinking Water Ordinance 2001, WHO Drinking Water Guidelines).



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
- All surfaces in direct contact with drinking water meet international regulations (e.g. DVGW, ACS, NSF)

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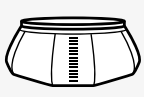




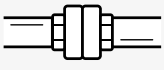
TECHNICAL DATA

WTC 5000 UF	
Dimensions (L x W x H)	**Raw water**
1.200 x 800 x 1.330 mm	Fresh water
Empty weight	**Hose connection**
240 kg	Storz C
Drinking water output	**Connected load (average)**
Up to 5.000 litres per hour	800 W

ACCESSORIES SUITABLE FOR YOUR SYSTEM



1 Raw water tanks



2 Hoses & fittings



3 Water analysis sets



4 Drinking water tanks



5 Water distribution



6 Set of chemicals