



WTC 8000/15000 RO/UF C

The WTC 8000/15000 RO/UF C is a hybrid water purification system that can be flexibly adapted to suit the existing raw water conditions. It can provide drinking water using both ultrafiltration and reverse osmosis.

Using its ultrafiltration membrane, the hybrid system delivers up to 15000 litres of drinking water an hour, which is free of particles and microbially and virally safe. Using reverse osmosis, it can provide up to 8000 litres of drinking water an hour from brackish and salty water, and from chemically contaminated water.

This combination of ultrafiltration and reverse osmosis enables the system to be flexibly adapted to suit the raw water conditions, therefore lowering energy consumption. The equipment room is separate from the work room, guaranteeing greater safety and a user-friendly environment for the user.

The fully automated system can be controlled easily using a modern control panel, while integration in a standard 20' sea freight container simplifies logistics. The system can be modified according to customer specifications.



Special Features

- Reliable reverse osmosis and ultrafiltration membrane
- Reliable containment of bacteria/viruses and salt and chemicals
- Fully automated operation
- Treatment process adaptable to the quality of the raw water
- Standard 20' container
- Separation of the work room and equipment room



FUTURETECH

Kärcher Group



WTC 8000/15000 RO/UF C

Technical data

Dimensions (L x W x H) mm

6058 x 2438 x 2591

Empty weight kg

9500

Drinking water output (l/h)

Up to 8000 (RO) | 15000 (UF)



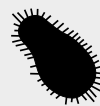
The different membrane technologies

Ultrafiltration membrane

Particles, microorganisms and viruses are securely retained by the reliable ultrafiltration membrane. As the membrane can clean itself automatically, it can continually treat raw water that is heavily soiled with particles. In contrast to the reverse osmosis membrane, the ultrafiltration membrane requires less energy and is therefore more efficient, i.e. delivers more drinking water per hour.



Small and big particles



Microorganisms



Virus

Reverse osmosis membrane

The reverse osmosis membrane covers the entire ultrafiltration treatment spectrum for fresh water. Furthermore, the membrane also removes chemicals and minerals from brackish and salt water, as well as from chemically contaminated raw water. You therefore gain the huge advantage of being able to obtain drinking water from almost all natural raw water sources.



Small and big particles



Microorganisms



Virus



Salts



Chemicals