

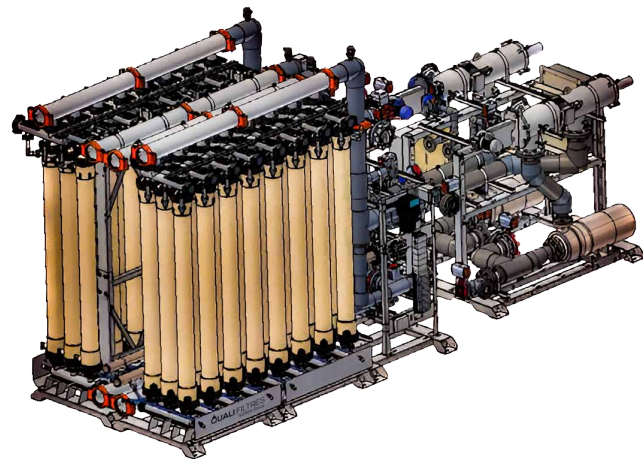


Description

The QUALI-UF system by Quali-Filtres demonstrates an innovative approach to pre-assembled water treatment systems with a flexible design adaptable to specific customer needs. These systems are shipped ready-to-operate for easy and efficient installation, ensuring years of worry-free operation..

Suitable for treating recycled, wastewater, surface, or underground water, the QUALI-UF systems are designed to remove all contaminants or provide water suitable for industrial processes, discharges, or other essential uses..

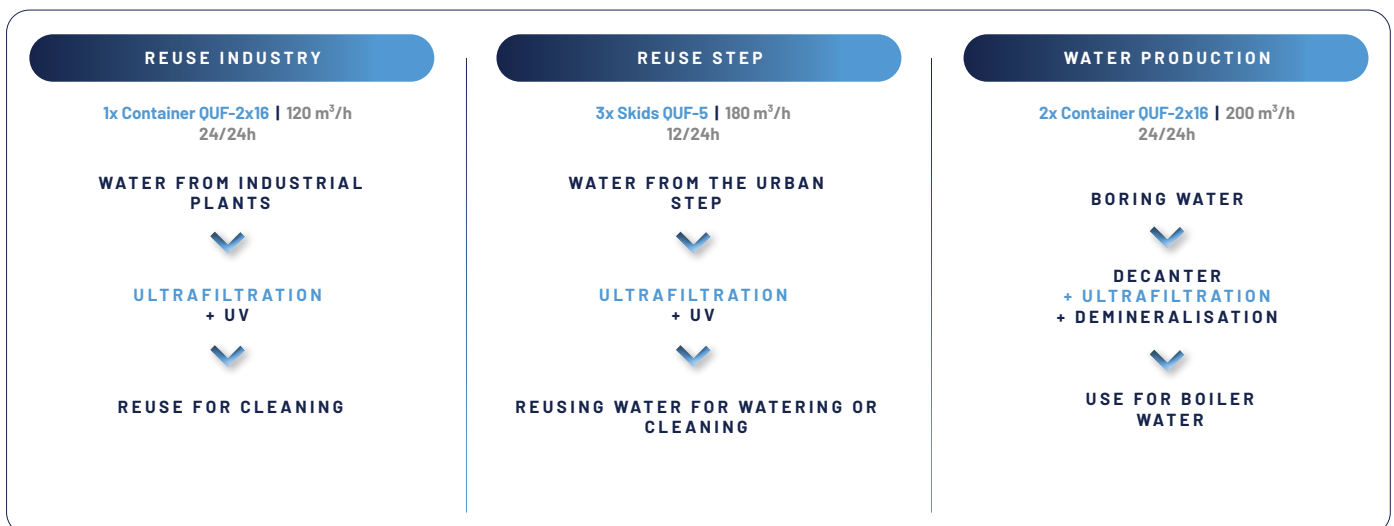
The flexible design enables adaptation to a wide range of applications while meeting the specific needs of each user..



Characteristics & benefits

- Modular design with a small footprint..
- High-performance, reliable filtration..
- Intuitive, user-friendly touchscreen interface..
- Remote maintenance capability..
- Smart operator interface with enhanced diagnostics to ensure optimal system performance..
- Pre-assembled, fully assembled, and factory-tested components for reliable installation..
- Easy scalability due to modular equipment design and tailored software..

EXAMPLES OF APPLICATIONS



TECHNICAL SPECIFICATIONS

Our models

Fixed or container integration

Model	Number of modules	Maximum instantaneous flow	Example of dimensions
QUFP-2	2	16 m ³ /h	Pilot
QUF-5	5	40 m ³ /h	Skid
QUF-2x8	2 x 8	128 m ³ /h	20-foot container
QUF-2x16	2 x 16	256 m ³ /h	30-foot container

More modules on request

Membrane retention

Particles and bacteria

Contaminants	Typical eliminations
Giardia	> 6 log
Cryptosporidium	> 6 log
MS2 bacteriophage	from 0.5 to 3 log
Turbidity	< 0,1 NTU

Based on Third-Party Testing

Certificates available upon request

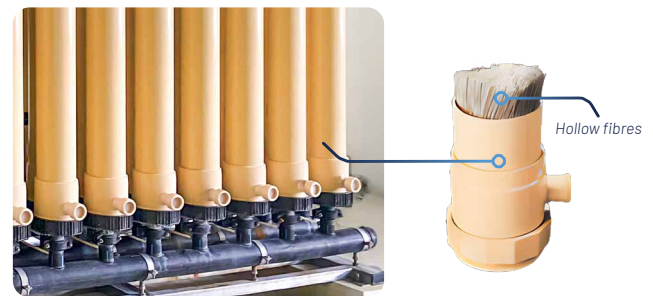
The QUALI-UF series units from Quali-filtres are available in configurations ranging from 10 to 40 modules per block, capable of producing between 752 and 18,900 m³/day of high-purity water.

- Standard maximum inlet pressure of 3 bar [45 psig] (4 bar [60 psig] optional with component selection).
- Maximum operating temperature: 40°C [104°F].
- Utilities: 230/400 V AC, 50 Hz.

Membrane Description

The QUALI-UF systems from Quali-filtres exclusively utilize hollow fiber membrane modules to remove contaminants from surface water and groundwater. Each highly permeable fiber module provides an active surface area of 50 m², enabling high water production rates.

Each hollow fiber module provides a highly active surface area of 50 m². The hollow fiber modules in the QUALI-UF system from Quali-filtres are extremely permeable, resulting in high water production rates.



Hollow fibre membrane modules

FLOW CHART

