ACQ ULTRAFILTRATION WATER FILTER

(NANO TECHNOLOGY)

Washable Filter Element / Super Flux / 316 Stainless Steel

Designed in Germany

By ACQ (Agil Clever Qualität)

www.acqtech.de

ACQ SS WATER FILTER

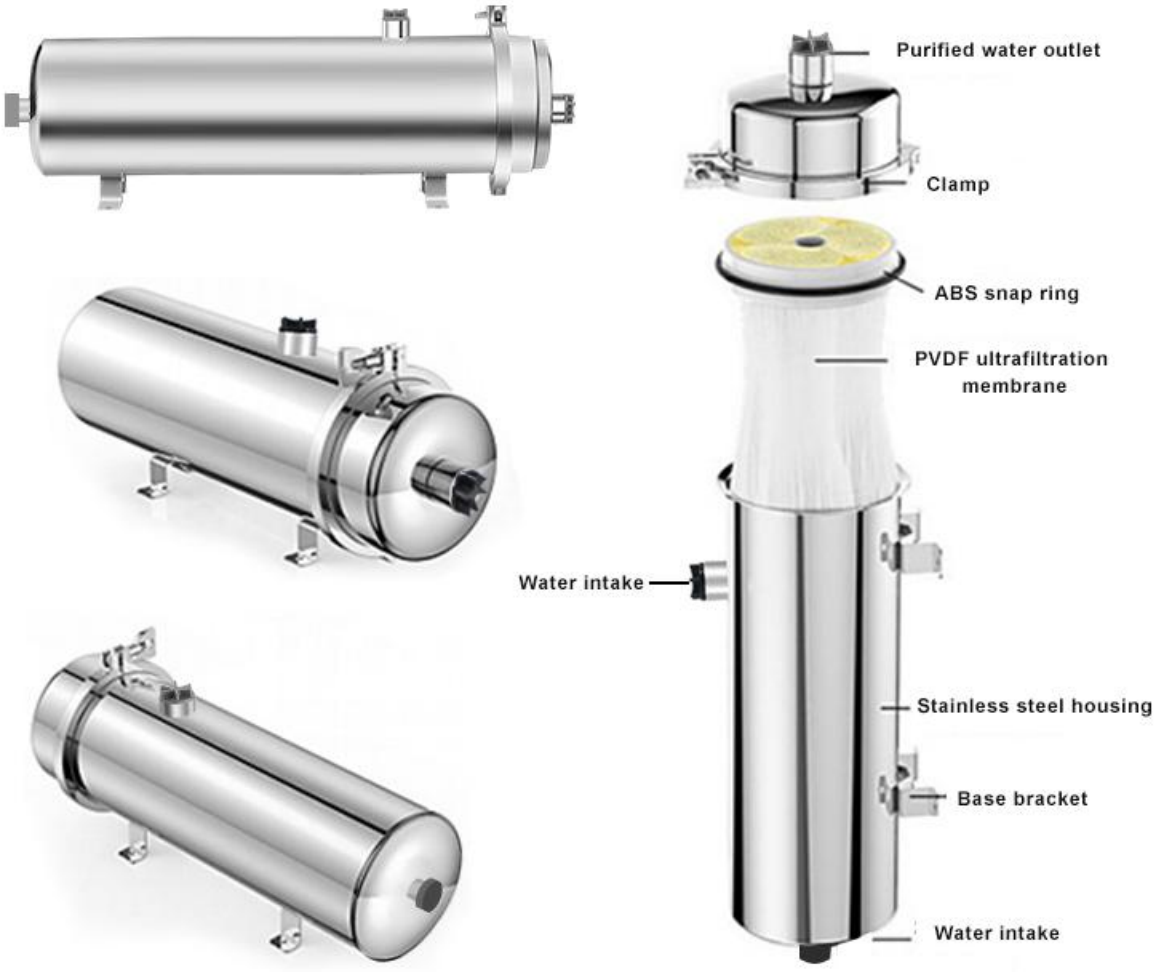
PRODUCT DESCRIPTION

1- SS HOUSING:

The body of the filter is made from stainless steel 316 and its ideal for food use.

SS316 stainless steel offers significant advantages, primarily due to its excellent corrosion resistance, especially in chloride environments like marine settings. It also boasts high-temperature resistance, durability, and easy workability for various applications. Additionally, its non-toxic nature and resistance to bacterial growth make it suitable for food and medical applications.

Superior Corrosion Resistance, High-Temperature Resistance, Durability and Strength, Non-Toxic and Sanitary



2- ULTRAFILTRATION MEMBRANE:

PVDF hollow fiber membrane is one of the latest-generation high-tech membranes for separating materials. The membrane uses micropores (0.01- 0.1 µm) in the membrane wall to let water or a macromolecule substance in the solution pass while stopping the macromolecule particles, colloid materials, germs, and pyrogens. So, the membrane has the functions of separation, concentration, purification, etc.

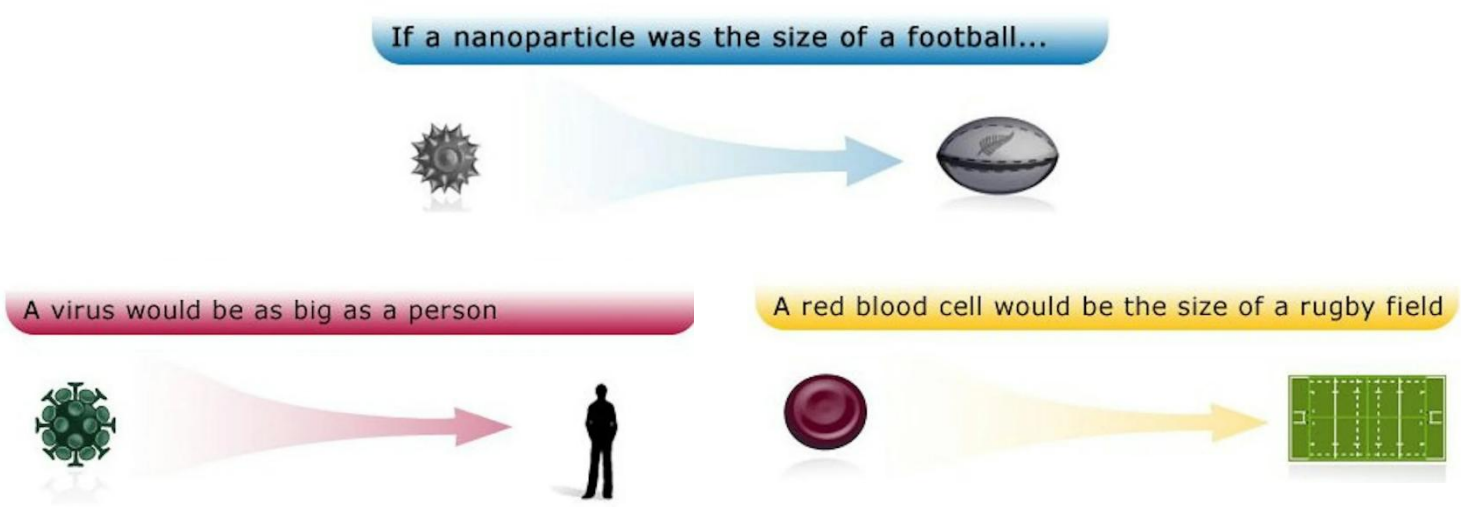
3- NANO TECHNOLOGY

Nanotechnology is one of the most important innovations that has changed the way water is treated and purified. It uses tiny nano-sized particles to provide effective and innovative solutions. This advanced technology can remove very small contaminants that are difficult to filter with traditional methods.

In water purification, nanotechnology is known for its ability to remove impurities, bacteria, and tiny particles with high precision, making it ideal for producing safe water. It can also remove heavy metals and harmful chemicals, which improves the purity and quality of the water.

Another advantage of this technology is its high efficiency in purifying large amounts of water quickly and at a lower cost compared to traditional methods, while also reducing energy consumption. In addition, nanotechnology helps improve the taste and smell of water, enhancing the daily user experience.

Thanks to continuous advancements in nanotechnology, it is now possible to provide more sustainable and effective solutions in the field of water treatment, helping protect human health and ensure clean water resources for future generations.



4- FEATURES:

- Improvement of Ultra Filter Membrane, up to 0.01-micron filtration capability.
- Higher grade of materials to extend product life.
- Optimize and minimize the product structure; easy to install and wash.

5- FUNCTION:

Core on the technology of Super Membrane, effectively blocks all dusts, rusts, sands and bacteria for safer daily use.

ACQ SS WATER FILTER

PRODUCT FEATURE

- **Model:** UF-5000L/H
- **Flow Rate**: up to 5000L/h
- **Available Range:** up to 8000 L/H
- **Material**: stainless steel 316
- **Working Pressure**: 0.1-0.4Mpa
- **Membrane use life**: 18-24 months
- **Water Temperature**: 5-45℃
- **Ambient Temperature**: up to 55℃
- **Filtration Rate**: up to 0.01Micron
- **Connection**: 1'' Inlet & Outlet

PRODUCT BENEFIT

- Easy and low-cost maintenance
- High-quality stainless-steel material
- Various capacity offer
- 0.01-micron filtering precision
- Washable membrane
- Nano technology


0.01μm ultrafiltration


Hand washable filter


High quality ultrafiltration membrane

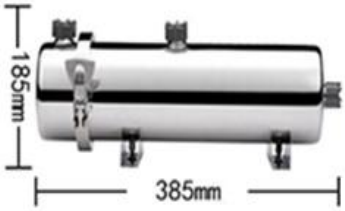
316 stainless steel body


One-click buckle removal and washing


Large flow to meet different needs

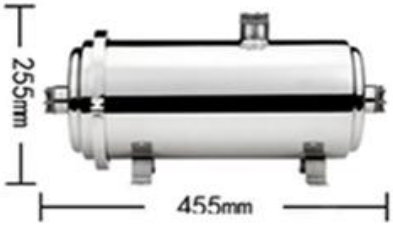
PRODUCT DIMENSION

1000 L/H



2000 L/H

3000 L/H



5000 L/H

8000 L/H

Whole House Ultrafiltration

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Made in P.R.C