

UF - ULTRA FILTRATION PALLAS ULTRA

A single tank technology



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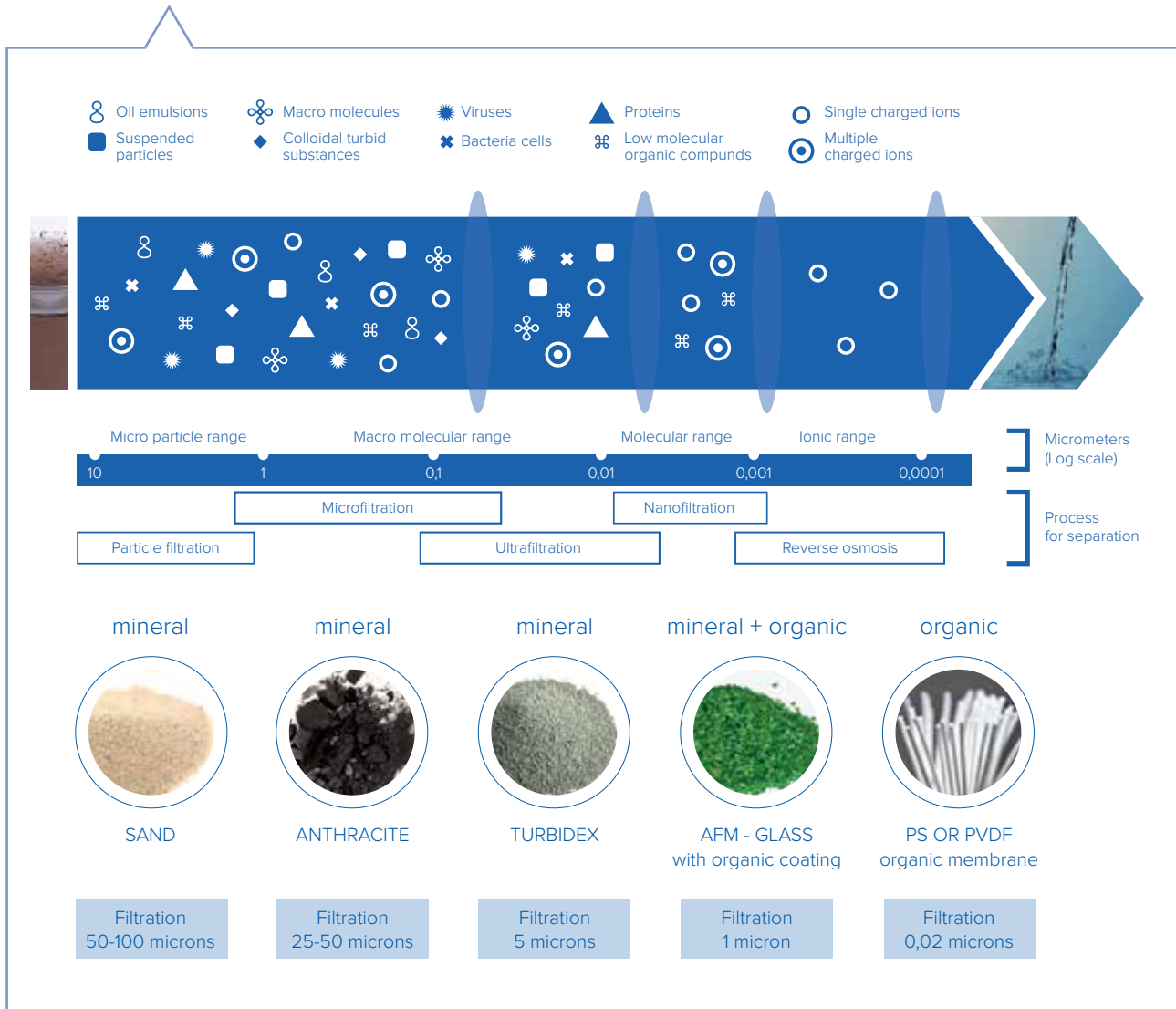
An advanced step
in the filtration
spectrum.



PALLAS ULTRA

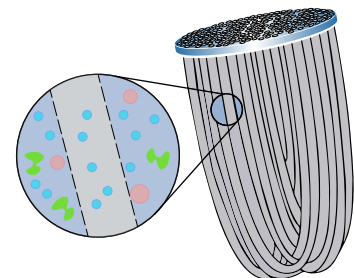
THE FILTRATION PROCESS

In an effort to offer our customers the best available filtration solutions we have gathered the best available methods from mineral base through organic coated on mineral and finally complete organic fibres. The illustration below explains the filter methods used in the ultrafiltration process.



PALLAS ULTRA USES HOLLOW FIBER

Hollow fibre acts as a physical barrier to remove bacteria. It's your complementary solution to UV and chlorine disinfection. Hollow fibre technology is made up of small hollow fibres 1mm in diameter with 0.02mm pores. The filtration is from the outside in minimizing the risk of deep clogging. Simple flushing with water and/or air together with a large membrane area allows a compact design.



PALLAS ULTRA, SINGLE TANK TECHNOLOGY



Pallas Ultra integrates technology in one tank. It's an easy and effective treatment for residential and light commercial applications. The Pallas Ultra comes with an Evolve or an Impression valve.

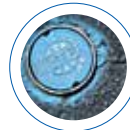
Evolve has a reliable trouble-free design. The smart controller ensures a smooth operation.

Impression has an easy-to-read LED screen and the user-friendly console allows you to monitor all operating functions.

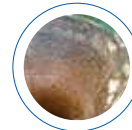
Continuous flow (4 bars, 25°C): 2 - 2.5 m³/h *

* Flow depends on temperature, pressure and suspended solids.

PALLAS ULTRA: Designed to be used with many water types



city water



well water



surface water

PALLAS ULTRA: HOW DOES IT WORK?



1. FILTER

Unfiltered water enters and thanks to the filter media unwanted tastes and odors are removed.



2. DOSAGE

Chlorine dosing pump.



3. UF

Ultrafiltration membranes physically block bacteria, cysts, viruses and cloudiness.



4. RESULT

Clean water: it gives an immediate answer to the end user.

SAFETY

The UF membrane used in the Pallas Ultra is laboratory certified for use on large municipal works in the US and Europe. It guarantees the efficient treatment for your Point of Use application

- EPA, French ACS and CDHS certified



WHY PALLAS ULTRA?

- Efficient treatment: ultrafiltration clarifies the water from contaminants.
- Healthy: Dissolved minerals useful for the body are still in the water
- Versatile: useful for many water resources
- Single tank technology: bundled technology in 1 tank
- Easy to use: low maintenance, easy installation
- Well-known components

APPLICATIONS FOR ULTRA FILTRATION



HEALTHCARE CENTERS & DENTIST OFFICES
To avoid high risk of infection from waterborn pathogens



RESTAURANT & HOTEL
Where legionella prevention is a must



WHOLE HOUSE PROTECTION
To have extra high level of protection for city water or private well water supply



POOL
To ensure perfect safety for swimmers



PRETREATMENT FOR RO
Ultrafiltration is the best protection in front of RO

