

Ultrafiltration Units



Ultrafiltration (UF) is a process of separation underpressure, Ultrafiltration (UF) is a variant of membrane-based technology. It removes a high percentage of microbes from the feed water. Its treatment process requires relatively little energy, therefore, offers a simple, chemical-free and user-friendly method of treating water.

Ultrafiltration works best in cases of open intake for seawater reverse osmosis plants, as conventional sand filtration is less effective here. Ultrafiltration modules are also often used to treat river water, due to feed water being prone to fluctuation in turbidity, especially over seasons. UF is capable to separate insoluble particles form the water.

Using robust outside-in PVDF fiber technology the hollow fiber membranes benefit from high clean-ability, low chemical consumption, high recovery, and a superior combination of mechanical properties and chemical resistance.

Aquatreat UF mobile systems, are containerized, on trailers can be fast deployed and mobilized.

IDEAL FOR

SEAWATER DESALINATION PRETREATMENT

GROUND WATER TREATMENT

SURFACE WATER TREATMENT