



INNOVATIVE ULTRAFILTRATION (UF) SOLUTIONS

Greenchain Group’s UF systems have proven to be reliable, affordable, easy to operate & provide unbeatable water quality. Our professional engineering team has an in-depth understanding of membrane technology, which enables us to design & manufacture UF systems that excel in all areas of this value chain. Our systems are all designed & manufactured in-house, with reliable & cost-effective components sourced from all over the world.

We streamline the deliverable from start to finish: process design, documentation, project management, manufacturing, quality control, installation & maintenance.

SUPERIOR WATER QUALITY

Continuously remove targeted contaminants with peace of mind

SUPPORT

Whether it's spare parts or services, we have you covered

CUSTOMIZED DESIGNS

Tailor-made UF systems for the required water source

RELIABLE

Meticulous quality control & detailed design for improved longevity

LOCALLY MANUFACTURED

Purpose-built UF solutions unrivaled by imported systems

PREMIUM ULTRA-FILTRATION (UF) SYSTEMS

AFFORDABLE

Economical payback periods from CAPEX to OPEX

ENGINEERED SOLUTIONS

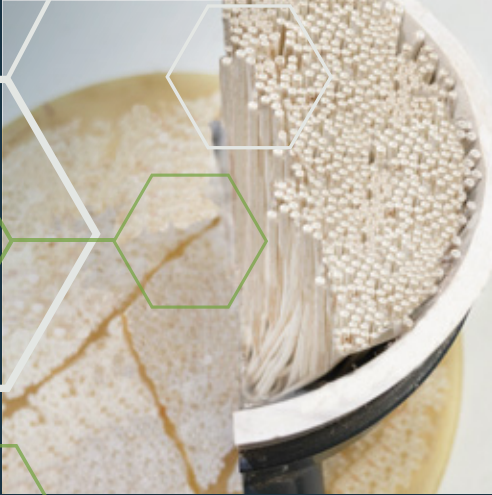
A complete process design including all the required building blocks & documentation

AUTONOMOUS

Seamless control from standard inputs to advanced online control systems



WHAT IS ULTRAFILTRATION (UF)?



Ultrafiltration (UF) is a type of membrane technology used to separate target contaminants from a liquid stream (for example water). The porosity of the membrane determines the size of the contaminant removed. UF is normally used to remove very small suspended solids content such as macro organic matter (algae for example), silt, pin-floc from coagulation, bacteria, viruses & more. It produces a purified water on the permeate side & backwashes collected waste on the reject side. UF utilizes mechanical separation by means of a pressure driven membrane to produce consistent quality regardless of inlet fluctuations.

REMOVES ALL SUSPENDED SOLIDS:

LOW PRESSURE • ORGANIC MATTER • SILT • PIN-FLOC • BACTERIA • VIRUSES • & MORE...

UF SOLUTIONS



High recoveries
up to 95%



Pressure
driven separation



Outside-in hollow
fibre membranes



Selective
rejection



Complete suspended
solids removal



Low-pressure
system



SCAN ME

