

ULTRA FILTRATION PLANT



Invention of membranes has opened gates for safe, clean and economic solutions for various purposes in the water sector.

Shubham endorses that these inventions get converted to reliable solutions, only if everything is engineered perfectly. Right technical design, trusted components and perfect workmanship is what makes Shubham UF Plants.

Shubham UF Plants are reliable system for removal of high molecular-weight substances, colloidal materials, silt, turbidity, organic / inorganic polymeric molecules, algae, particulate matters, suspended solids, microorganisms from Water & Treated Wastewater.

In addition to stand alone usages, Shubham UF Plants are all time retrofit ready to perform in conjunction with a variety of water and waste water solutions.



FEATURES

- Modular - Each plant is one module
- Prefabricated - Pre-engineered, Pre-assembled,
- Factory Tested
- Scalable - Just add module to raise capacities
- Durable
 - All components are of proven quality
 - Excellent workmanship
 - Low Fouling Long Lasting Membranes
 - Reliable Control Mechanism
 - Easy Maintenance Design
 - Low Maintenance Quality
- Retrofit Ready - Can be integrated to a variety of Waste Water Systems and Water Treatment Systems

CAPACITY -CAPABILITY

- Flow Rate Range - 0.25M³/Hr to 50 M³/Hr
- Inlet TSS (Total Suspended Solids) - Up to 50 Mg/L
- Inlet Turbidity - Up to 50NTU
- Outlet Turbidity - Less than 1 NTU
- Flux Rate Range - From 20 LMH to 90 LMH

PICK & CHOOSE

- Flow Meters cum Transmitters - Rota meter / Digital flow meters
- Pre-filters - 100 Micron basket filter
- Membranes Housing - FRP / SS
- UF Skid - MSEP / SS
- Controls - Electrical Controls / Microprocessor Based / PLC Controls with on line reporting & messaging

APPLICATIONS

- Boiler Water Treatment
- Cooling Tower Water Treatment
- Purified Water (PW) & Water for Injection (WFI)
- Zero Liquid Discharge System
- Process Water
- Drinking Water
- Tertiary Treatment
- River Water Treatment
- Wastewater Recycling
- Pre & Post Treatment for RO Plant
- Colloidal Silica Removal
- Heavy Metal Removal