

# Aquila Ultra Filtration



## Features

- CUSTOMIZE programmable controls as per requirement.
- ALL COMPONENTS USE WITH ITS TEST CERTIFICATE ONLY
- PLUG AND PLAY ENGINEERED PLANT For Quick Installation
- Inbuilt Clean-in-place connections For Easy Maintenance.
- Utilize Minimum footprint but without compromising it's o&m space.
- provide each project's user manual with Components Data sheet, Test Certificates, Daily Operation And Maintenance Logsheet.
- Quick Approval Systems Which keeps project moving fast
- Easy to install and Accurate operation & maintainance.
- Produces high quality Neutral Water
- Variety of cost effective standard Components.

# Technical Specification

- Flow 0.25 M<sup>3</sup>/Hr. - 100 M<sup>3</sup>/Hr.
- Inlet TSS Max. 50 Mg/L
- Inlet Turbidity Up To 300 NTU
- Outlet Turbidity < 1 NTU
- Flux Rate 40 To 150 l/m<sup>2</sup>h
- Temperature 5 - 45° Celsius
- Feed Pressure 2.5 Bar To 4.8 Bar
- Type of Membranes Hollow fiber Out to In / Inside Out
- MOC of membranes PVDF / PES / PAN
- Controls Microprocessor / PLC / Scada
- Flow Monitoring Rota meter / digital flow meters.
- Pre-Treatment Dual Media Filter
- Pre filters Bag Filters/Micron Cartridge Filteres
- UF Skid MSEP / SS
- Feed & Backwash Pumps SS304/SS316/C.I
- Air Scouring Optional
- ORP Meter Oxidation Reduction Potential Value Monitor And Prevntion Of Hi Chlorinated Product
- Dosing Systems NaOCl,NaOH,HCl / H<sub>2</sub>SO<sub>4</sub>,Citric Acid,SMBS
- CIP System For Cleaning Of Membrane When Required And Optimum Performance
- pH Meter To Monitor pH
- Pressure Monitoring Pressure Transmitter/Pressure Guage