

Nano 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:0.2M3/hr to 100M3/hr
- Inlet TDSUPTO 42000ppm
- Outlet TDS60 TO 70% REMOVAL FROM INLET PPM
- Flux DESIGN15 lmh to 30 lmh
- Temperature5-45° C
- Type of MembranesBW/SW/LF/HSS
- DI< 3 at inlet
- ControlMicroprocessor / hmi display with PLC / Scada
- Flow MonitoringRota meter / digital flow meters
- Multi grade filterReduce Turbidity & Total Suspended Solids
- Activated carbon filterRemove Colour,odor,toxicity
- Pre filters20 micron & 5 Micron cartridges
- High Pressure PumpsVertical inline SS 304 & 316 ALL WETTED PARTS
- NF SkidSS/MSEP
- Outlet micro oraganismsNILL (Require UV IN PRODUCT LINE)
- Outlet PH7.0 (+/- 0.5)
- Outlet ODORNILL
- Outlet SilicaBelow Limit
- RecoveryAs per requirement
- O&MWe maintain plant as per need
- Low Pressure SwitchTo Protect HPP From Dry Run
- High Pressure SwitchIndicate Membrane Cleaning time
- FloatyAuto on/off
- Dosing SystemAs per Requirement
- Differential pressure transmeterMembrane safety
- Online tds meterMonitor tds
- Online ph meterMonitor ph
- Orp meterMembrane safety
- Clean in place(cip) systemFor Maintenance
- Op 485/ data loggerTo check all parameters
- Overload protectionRWP & HPP ARE INTERLINK & PROTECTION FROM OVERLOAD