



Product Catalogue

Donnysis Technologies





QUA Technologies

About QUA

QUA is a leading US based company having a global manufacturing unit in India to produce UF membranes, MBR modules and FEDI.

A subsidiary of Aquatech – a leader in innovative water technology solutions that has been solving critical water challenges for last 43 years. We have so far successfully completed over 1000 installations in 30+ countries meeting business requirements of numerous industries following stringent environmental compliances.



Q-SEP
Q-Connect



Q-SEP



FEDI®
Provides ultrapure water for critical applications



FEDI® GIGA
High flow per stack with low footprint and fewer ports for higher flow applications



EnviQ



CeraQ



GRASPZ Highflow Filter Housings

High Flow Filter Cartridges

FEATURES

High Flow Capacity per Cartridge (vs. Conventional 2.5" Diameter Cartridges)

Advanced Pleat Design using Darlly High Grade Microfiber Polypropylene Media

Compact Design

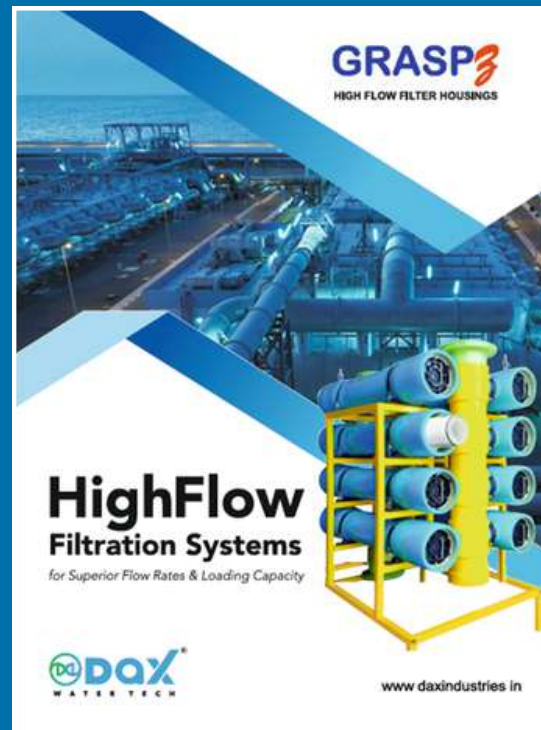
Easy to Operate

Safe Materials of Construction Compliant with US FDA CFR-21 Requirements

ADVANTAGES

Less cartridges are required, therefore:

- Reduced cartridge handling time, storage space, inventory value, & disposal costs
- Reduced filter change-out time
- Fewer cartridge sealing points, reduced chance of fluid bypass
- High Dirt Holding capacity
- Superior chemical compatibility
- Smaller housing envelope minimizes capital expense requirements
- Reduces system footprint
- Minimum removal tools are required for filter change-out
- Push-to-Seat cartridge sealing mechanism provides positive seal
- Easy to install design handle facilitates cartridge installation and removal
- Compatible in applications requiring direct food contact in food, beverage, & potable water processing





Donnysis Technology

Technology Overview

- Donnysis's Round Disc RO (RDRO™) systems utilize a unique and innovative approach to water purification. Our technology centres around a series of semipermeable membranes arranged in a circular configuration. The Round Disc RO (RDRO™) system features a vertically mounted module with octagonal membrane cushions made of TFC polyamide and hydraulic disc made of special grade polymer.
- These membranes act as highly efficient filters, selectively allowing water molecules to pass through while effectively rejecting impurities such as:

Advantages:

- Can handle high TDS
- Can handle high COD
- High SDI of 15 to 20
- High Recovery
- Ease of Operation
- Better Cleaning efficiency
- Low Opex Cost

Industries Served:

- Pharmaceuticals
- Chemicals / Fertilizers
- Dyes / Paints
- Starch / Sugar
- Brewery / Distillery
- Oil / Petro chemicals
- Food / Beverages
- Automobile

Applications:

- The combination of high rejection rates and low maintenance makes Round Disc RO a highly sought-after solution for industries seeking to optimize their wastewater treatment processes and achieve ZLD.
- Recycling of Treated Effluent for TDS and COD reduction in Industries.
- Treatment of existing RO Rejects, reduce the MEE size.
- Leachate Treatment
- De-Salination
- Product Concentration.



ROUND DISC RO (RDRO)





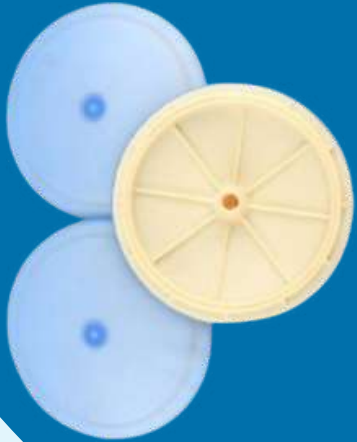
Donnysis - Air

Fine Bubble Disc Diffusers

The Fine Bubble Disc Diffuser are designed with an arch surface so that there is minimum accumulation of MLSS and debris on the surface. The main body is made of ABS (engineering plastic). The membrane is made of high quality EPDM rubber with anti-corrosion surface. The rubber membrane perforation is made with high precision. A check valve device is given at the bottom of the disc diffuser to prevent the mixture from entering the distribution network system and blocking the air lines.



Fine Bubble Tube Diffusers





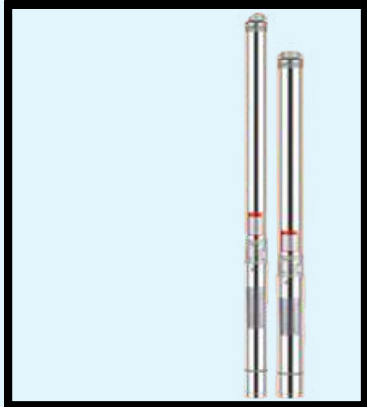
Donnysis - Pumps



Hydro Pneumatic System



Fire Safety Pumps



UTEE Series



Pressure Booster



Premium Induction Motor



Sewage Pumps



Vertical Multistage Pump



DC Solar



CONTACT INFORMATION

Donnysis Technologies

- ✉ parag@donnysis.com
- 📍 Umm Al Quwain Freezone, P.O .Box 7073,
Umm Al Quwain– United Arab Emirates
- ☎ +971 55 466 2204
- 🌐 donnysis.com

Donnysis Technologies FZE

