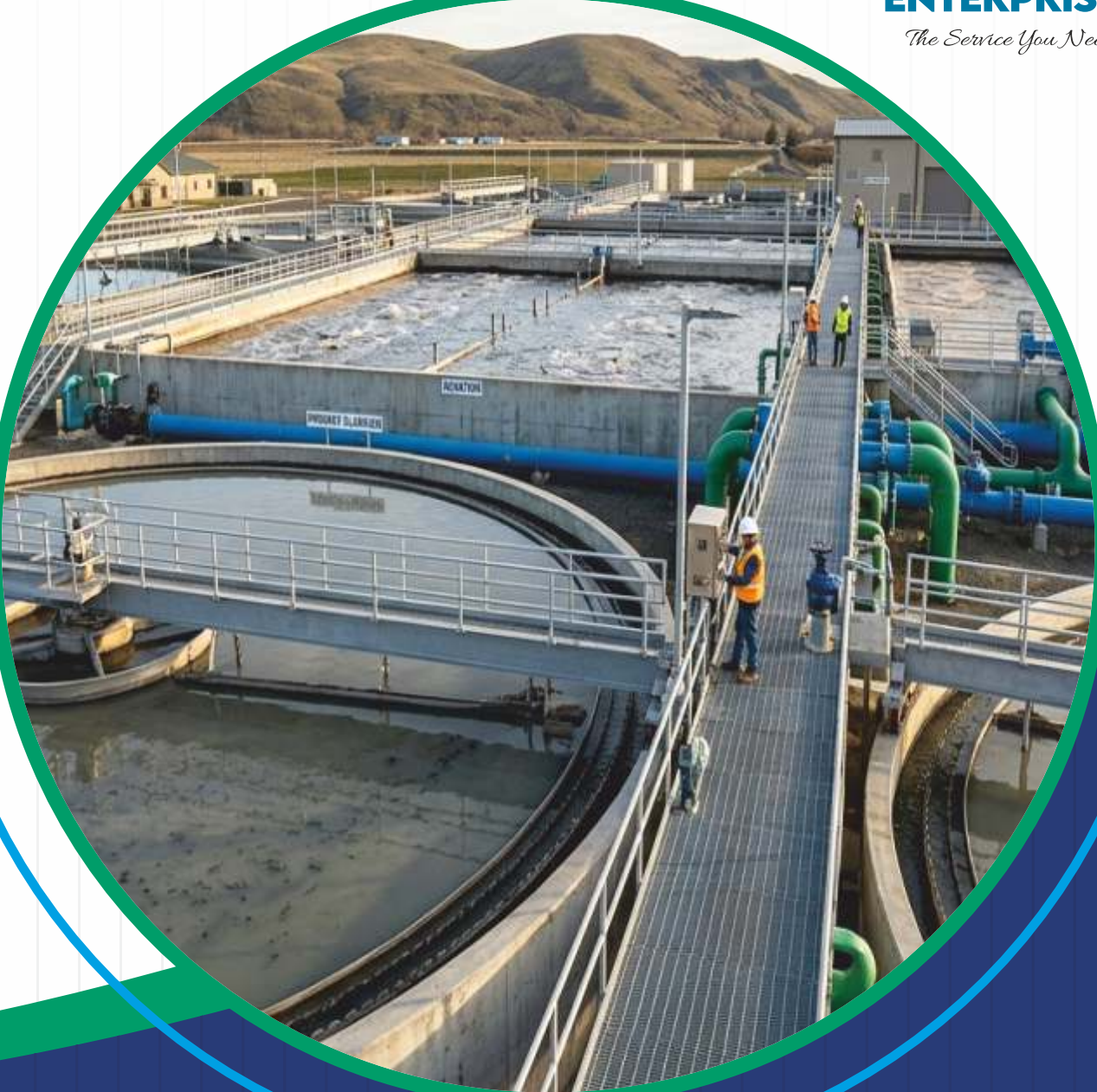




**AQUATECH ENVIRO
ENTERPRISES**

The Service You Need



Services We Provide

- 💧 Ultra-Filtration & MBR Membranes (DEERFOS Membranes)
- 💧 Bio-Culture
- 💧 Diffuser membranes
- 💧 Sludge Dewatering System
- 💧 Drum Screen
- 💧 Agitator
- 💧 Centrifuge Machine
- 💧 Total Water & Waste Water Solution



About us

Our Vision

To be a trusted leader in water & wastewater solutions and component trading, delivering quality products, advanced technologies, and dependable service for a sustainable future

Our Mission

To supply high-performance membranes, equipment, and spares from globally reputed brands at competitive prices. To provide total water & wastewater solutions through reliable products, technical expertise, and on-time delivery. To build long-term partnerships by ensuring customer satisfaction, strong after-sales support, and continuous innovation.

Our Core Values

Quality First –

Only tested, certified, and reliable products reach our customers.

Integrity –

Transparent, ethical, and fair dealings in every transaction.

Customer Commitment –

Quick response, tailored solutions, and on-time supply.

Innovation & Knowledge –

Keeping pace with the latest water treatment technologies.

Sustain ability –

Promoting eco-friendly solutions to conserve water and protect the environment.



AQUATECH ENVIRO ENTERPRISES DEERFOS Submerged MBR Module

The AQUATECH ENVIRO ENTERPRISES submerged product is developed as high strength uniform membrane entirely by innovative membrane technology which full remove finer solid particles, germs, intestinal parasites. We are producing high-quality membranes through the specialized manufacturing process and the stringent control procedures.

Submerged MBR Module Element :

ITEMS	DFX-813W	DFX-830W	DFX-840W
Effective Area	13 m ²	30 m ²	40 m ²
Dimension W"L"H (mm)	222*222*960	222*222*1,900	222*222*2,260
Membrane Configuration	Reinforced Hollow Fiber		
Membrane Material	PVDF		
Membrane Nominal Pore Size	0.1µm		
Membrane Fiber OD/ID	2.0 mm / 0.9 mm		
Design Flux	0.3-1.2 m3/m2 day		
Module Housing Material	ABS		
Module Potting Material	Epoxy + Urethane		
Dry Weight	11 KG	17 KG	25 KG
Operation			
Operating TMP	0.05 ~ 0.4 bar		
MLSS	3,000 ~ 12,000		
pH	5 ~ 9		
Operating Temperature	5 ~ 40° C		

Submerged MBR Module Element :



Square Housing
Minimizing Dead-Space



Detachable Easily
Convenient Maintenance



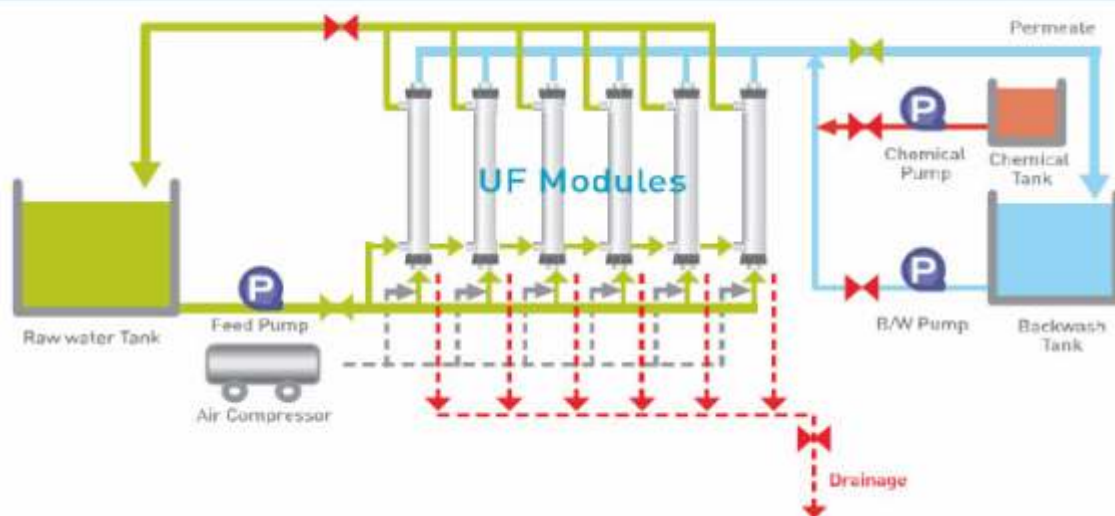
Effective Aeration
Reducing Aeration & Maintenance free



AQUATECH ENVIRO ENTERPRISES

DEERFOS UF MODULE PRODUCT INTRODUCTION

UF Membrane Filtration Process



Specification of UF Module:

UF MODULE	DFU-0830AD	DFU-0852H	DFU-4870H	DFU-0890H
Effective Surface Area (m ²)	30	52	70	90
Designed Flux (M ³ / Hr)	1.0-3.6	1.7-6.0	2.4-8.4	3.5-11.0
Dimensions (O x H MM)	200 X 900	200 X 2160	216 X 2280	216 X 2280
Hollow - Fiber Membrane Material	PVDF			
Pore Size	0.07μm			
Housing Material	UPVC			
Potting Material	Polyurethane + Epoxy			
Gasket Material	NBR			
Weight (Water filled / empty) (kg)	35 / 24.5	90 / 70	110 / 90	115 / 93

UF MEMBRANE INSTALLATION



DIFFUSER MEMBRANE

An air diffuser or membrane diffuser is an aeration device typically in the shape of a disc, tube or plate, which is used to transfer air and with that oxygen into the sewage or industrial waste water. Oxygen is required by micro-organisms / bacteria residents in the water to break down the pollutants.

FINE BUBBLE DISC DIFFUSER

SR. NO.	DESCRIPTION	TPE - 225	TPE - 300
1	RUBBER MEMBRANE MATERIAL	EPDM/Silicon	EPDM/Silicon
2	AERATION SURFACE AREA	0.0397m ²	0.068m ²
3	BUBBLE DAIMETER	1-3mm	1-3mm
4	MEMBRANE SERVICE LIFE	> 5 years	> 5 years
5	STANDARD AERATION RATE	3.5 m ³ /h	6 m ³ /h
6	AERATION SCOPE	1-6m ³ /h	1-8 m ³ /h
7	OPERATING TEMPERATURE	80°C	80°C
8	MAXIMUM INTERVAL, C/C	1.5/0.4 m	1.5/0.4 m
9	DIFFUSER WEIGHT	0.590 Kg	0.860 kg

TUBE DIFFUSER MEMBRANE

SR.NO	SIZE	TYPE	MEMBRANE	DESIGN FLOW	CONNECTION	SUPPORT DISC	RETAINING CLAMP
1	90mm X 1000mm	TUBULAR	EPDM & SILICON	5 M ³ /hr 12M/hr	1"NPT FEMALE	OPEN END DESIGN ONE PIECE MOULDED PVC	STAINLESS STEEL AISI 304
2	63mm X 1000mm	TUBULAR	EPDM & SILICON	3M ³ /hr 9M ³ /hr	3/4"NPT FEMALE	OPEN END DESIGN ONE PIECE MOULDED PVC	STAINLESS STEEL AISI 304
3	63mm X 610mm	TUBULAR	EPDM & SILICON	2M ³ /hr 5.5M ³ /hr	3/4"NPT FEMALE	OPEN END DESIGN ONE PIECE MOULDED PVC	STAINLESS STEEL AISI 304



1. OXY-SUPER

(A GRANULAR POWDER THAT ENHANCES BIODEGRADATION)

BENEFITS

- Promotes growth of new beneficial microbes Provides Immediate reduction in
- Odors, BOD, COD
- Most cost effective waste water treatment bioinput
- Adjusts PH Value
- Binds the suspended solids and reduces the turbidity
- Regular use eliminates Ammonia, Sulphide and other obnoxious gasses
- Wide range of applications

2. SUPER-24

(POWDERED FORMULATION OF BENEFICIAL MICROBES AND FAST ACTING ENZYMES WITH ESSENTIAL NUTRIENTS TO PROVIDE ACCELERATED DEGRADATION IN STPS AND ETPS)

BENEFITS

- Eliminates need to add EM, UREA, DAP.
- Balances the C: N ratio of wastewater.
- Promotes healthy and well settling biomass.
- Reduces Sludge, Eliminates filamentous bulking.
- Neutralizes Detergents, dyes, pigments and a range of industrial chemicals.
- Reduces TDS and hardness.
- Works well in both aerobic and anaerobic environments in varying parameters like Hardness, Salinity, pH etc., over a wide range of targets.
- Acts as a deodorant. Adsorbs obnoxious gases like Ammonia, H₂S, Mercaptans.

CHEMICAL MIXING AGITATOR

- Designed for efficient mixing and agitation of liquids and chemicals in STP, ETP, and WTP processes.
- Ensures uniform mixing to improve treatment efficiency.
- Available in top-mounted, side-mounted, and portable designs as per application.
- Equipped with high-efficiency impellers for effective blending and circulation.
- Low power consumption with reliable and continuous operation.
- Manufactured in SS / MS construction depending on process requirements.
- Customized design, capacity, and mounting available as per client specifications

Features

- Efficient Mixing
- Variable Speed Control
- low Maintenance Requirements
- Enhanced Durability In Harsh Environments



CENTRIFUGE MACHINE

We hold specialization in manufacturing and supplying a board range of sturdy structure industrial centrifuge machine to the patrons in Pune, Maharashtra India. These heavy duty centrifuges are manufactured using supreme quality raw material. Which is obtained from certified vendors of the market. The dehydrated solid can be easily discharged by the filter bag situated at bottom.



SLUDGE DEWATERING SYSTEM

- Efficient and continuous sludge dewatering equipment used in STP & ETP applications.
- Operates on slow-speed screw mechanism to reduce sludge volume and moisture content.
- Low power consumption and minimal noise due to slow rotation. Self-cleaning design reduces clogging and maintenance requirements.
- Suitable for biological sludge, chemical sludge, and mixed sludge.
- Compact design with easy installation and simple operation.
- Manufactured in SS/MS construction with customized capacities as per client requirements.



DRUM SCREEN

- Used for efficient removal of suspended solids and debris from wastewater in STP & ETP plants.
- Rotating drum with fine screen mesh ensures continuous and effective filtration.
- Suitable for inlet screening, primary treatment, and process water filtration.
- Self-cleaning mechanism with spray system to prevent clogging.
- High screening efficiency with low maintenance requirement.
- Available in Internal Feed and External Feed types depending on application.
- Manufactured in SS construction with customized sizes and capacities as per project requirements.



AQUATECH ENVIRO ENTERPRISES

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