



Product Name : Disc Diffuser

- Fine bubble membrane disc diffusers are compression molded and made with less than 10% extractable oils to ensure exceptional quality, strength and longer product life.
- The base and retaining ring are designed to seal tightly and made of polypropylene having properties of higher temperature resistance and greater ductility.
- The membrane has an integral O-ring seal which is tightly compressed by the retaining ring keeps water out and air inside.
- Disc diffusers are precisely engineered to suit the specification of various clients and offer a perfect balance of high oxygen transfer and modest head loss with small bubble size.
- Membranes are of standard sizes.

SPECIFICATIONS;

No	DESCRIPTION	DF – 12"
1	Rubber membrane material	EPDM/ Silicon
2	Aeration surface area	0.068 m ²
3	Bubble diameter	1-3 mm
4	Membrane service life	> 5 year
5	Standard aeration rate	6 m ³ /h
6	Aeration scope	1-8 m ³ /h
7	Operating temperature	80oc
8	Max/min interval, c/c	1.5/0.4 m
9	Diffuser weight	0.860 kg



Product Name : Distribution System

Features:

- Available for a wide range of vessel sizes (12" to 63")
- Corrosion resistant
- Easy to install
- Compatible with all pressure vessels whether threaded or flange

Applications :

- Activated carbon filters
- Sand filters
- Iron removal filters
- Water softeners
- De-mineralization units

Product Table

Vessel Diameter	Type of tank	Description	System code
14" up to 36"(Top)	4"- 8UN Threaded	Top Mount stack diffuser	DS 4R2-63
		Top Mount stack diffuser with 1½" or 2" Female threaded out	DS 4R2-15 or 4R2-20
14" (Bottom)	4"- 8UN Threaded	Bottom Mount Hub & Lateral System	DS 414-63
16" (Bottom)		Bottom Mount Hub & Lateral System	DS 416-63
21" (Bottom)		Bottom Mount Hub & Lateral System	DS 421-63
24" (Bottom)		Bottom Mount Hub & Lateral System	DS 424-63
30" (Bottom)		Bottom Mount Hub & Lateral System	DS 430-63
36" (Bottom)		Bottom Mount Hub & Lateral System	DS 436-63
42" (Top)	6" Flange	Bottom Mount Hub & Lateral System	DS 6F4275-U
48" (Top)		Bottom Mount Hub & Lateral System	DS 6F4875-U
63" (Top)		Bottom Mount Hub & Lateral System	DS 6F6390-U
42" (Bottom)		Bottom Mount Hub & Lateral System	DS 6F4275-L
48" (Bottom)		Bottom Mount Hub & Lateral System	DS 6F4875-L
63" (Bottom)		Bottom Mount Hub & Lateral System	DS 6F6390-L
42"/48" flanged end (Top)	6" Flange	Top/ Bottom mount stack diffuser	DS 6FR375
Vacuum Breaker			VB



Product Name : Excel Jumbo Housing

The polypropylene **Jumbo Excel Housing** are made of ruffed reinforced polypropylene. They are recommended higher flow rates, wide range of applications including residential, commercial and industrial.

Features :

- Water Treatment plant
- Packaged Drinking water Plant
- Food & Beverages Industry
- Pharmaceutical Industry
- Chemical Industry
- Electroplating Industry

Specification :

- Suitable for 20" jumbo excel wound filter cartridge with 50mm ID and 150mm OD
- In/out connection : 2" BSP female threaded
- SS Insert mounting
- Flow rate > 10m³/hr



Product Name : Multi Port Valve

Premium quality assortment of Top mounted and Front face filter and softner Multiport valves. These fits in all types of vessels without adapters.

Features:

- For Filter with built in injectors
- Port Size of $\frac{3}{4}$ " BSP
- Top Mount
- Strong, Sturdy, Durable for exterior installation because of its features



Product Name : Multi Port Valve

These measures flow rate by allowing the cross sectional area the fluid travels through, to vary, causing a measurable effect.

Materials of Plastic Flow meter parts:

- Joint Fittings, Male and female thread, Elbow : PVC
- Taper tube : PC Floats : ABS



Product Name : Fab Media

Moving Bed Bio Reactor/Fluidized Aerated Bed Reactor (FAB) media for swage & industrial waste water treatment. FAB system is an advanced high rate wastewater treatment process utilizing free-floating media which houses huge quantity of active Biomass (MLSS) in it.

Features :

- Less sensitivity to shock loading
- Clog free operation
- No channels or dead spots
- Provides high Bio – Surface Area
- Make Bio-Reactors extremely compact
- No backwash needed
- No Sludge return Systems Needed
- Longer Media Life

Applications:

- Increase surface area
- Industries where this product is used: Where waste water is generated.



Product Name : Dosing Pump

Features:

- Long working life
- Smooth functioning
- Can easily handle most of the liquids

Technical Specification

- Dosing rate @ 4Kg/cm² 10LPH
- Suction/Discharge tubing 4/6 mm
- Electrical 230V AC

- Splash proof enclosure
- Adjustable RPM
- Compact and lightweight



Product Name : UPVC Cartridge Filter Housing

These offers wide range of flow capacities & contaminant holding capacities. Cartridge filters are normally used as polishing filter in almost all process industries.

Application:

Pharmaceuticals	Bore Well water	Petroleum Derivatives	Dairy
Water Treatment	Dyes & Intermediates	Coolants	RO Pre filtration
Paints & Inks	Processing Chemicals	Food & beverages	& Many More



Product Name : Float Switch

Cable float switch effectively monitor and controls water/liquid level in the Overhead tanks, Underground tanks, Sumps, Wells etc. It prevents Overhead tank from overflow and also over pumping of Sump, Well etc. It allows the user to be free from the botheration of switching the electric pump ON / OFF and makes water / liquid level available round the clock.

Features:

- Fully Automatic Operation
- Rated temperature = 70°C
- Working pressure: max. 1 bar
- Water proof
- Low cost polypropylene level switch.
- Environment friendly.
- Cable length 2- 100 meters as per customer requirement
- Highly durable & hermetically molded double chamber
- Used in Chemical, Pharmacy, Oil, Water treatment plant, Sewage water etc.

Other Products

