



K D ENGINEERING SOLUTIONS

OUR PRODUCTS



ALL WTP PRODUCT RANGE

K D ENGINEERING SOLUTIONS

Contact Us :Kapil Dev Sharma :-9555498906, Jitendra Gautam :- 9717798906
D-6, Second Floor, Amar Farm Colony, East Gokalpur, Delhi-110094, INDIA

FRP PRESSURE VESSELS

STARLITE®
FRP PRESSURE VESSEL



Starlite Vessel

Starlite Vessel Made from reinforced fiberglass construction for its good quality, durability, and performance. Volume capacities up to 5000ltr, composite vessels are available with a variety of different ports and base options and many colour.

Used for industrial, commercial water treatment plant and softening plant. Maintained and Rust Free Construction of Epoxy Fiberglass. High durable and performance.

MODEL	OPENING CONNECTION		APPROXIMATE CAPACITY LITERS
	TOP OPEN	BOTTOM OPEN	
613	2.5"		4.6
617	2.5"		6.6
635	2.5"		13.7
735	2.5"		20.1
744	2.5"		25.6
817	2.5"		10.9
835	2.5"		25
844	2.5"		32.1
1054	2.5"		63.3
1252	2.5"		97
1354	2.5"		105.3
1465	2.5"		148.5
1465	4"	4"	148.5
1665	2.5"		192
1665	4"	4"	192
1865	2.5"		168
1865	4"	4"	168
2162	4"	4"	341
2472	4"	4"	490
3072	4"	4"	735
3672	4"	4"	1031
4272	6" Flange	6" Flange	1461
4872	6" Flange	6" Flange	1890

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PUMPS

CRJ®

HORIZONTAL & VERTICAL
MULTI STAGE CENTRIFUGAL PUMP



Vertical Multistage Pumps

CVF and CV are kinds of non-self-priming Vertical Multistage Centrifugal Pumps. The pumps are available with a standard motor, the inlet and outlet are located at the pump bottom at the plane (inline type). All pumps are equipped with a maintenance-free mechanical seal set of the Cartridge.

Vertical Multistage Pumps

Flow:
0.5 M3 to 100 M3
Material:
SS 304 & SS 316
Head:
10 MTR to 250 MTR
Temp:
-15 C to +120C

Horizontal Multistage Pumps

Flow:
0.5 M3 to 25 M3
Material:
SS 304 & SS 316
Head:
10 MTR to 60 MTR
Temp:
-15C to +90C

APPLICATION:

- Industrial RO plant
- Water chiller/Cooling tower
- Boiler/Cleaning System
- Solar System/Irrigation
- Booster System etc...

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DUPONT MEMBRANE



We are the Distributor of Dupont (Dow) in all over India region. The DUPONT(DOW) FilmTec™ portfolio consists of separation-technology products that are highly effective in industrial, municipal, commercial, and consumer water applications. Leveraging proven and highly effective technologies, such as reverse osmosis (RO) and nanofiltration (NF), FilmTec™ products reject more dissolved solids and organics, and use less energy to produce permeate, than typical elements.

From use in brackish water purification to specialty separations, elements in the FilmTec™ portfolio achieve high, yet cost-effective, performance through their ability to:

- Tolerate a wide range of operating conditions.
- Operate very efficiently at lower pressures.
- Maintain excellent structural and pH stability.
- Resist bacterial growth.
- Produce excellent membrane flux and salt rejection.

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MATRIX PRESSURE TUBE

MATRIX™
FRP Housing



MATRIX Pressure Vessels are Hi tech Vessels manufactured from glass fibers reinforced plastic. Its used in Reverse osmosis plant, chemical, pharmaceutical, food & beverages industries for process water , utility, treatment of industrial sewage and waste water, sea water and brackish water desalination etc.

- Manufacture as per ASME Specification and ISO Certified.
- Each housing system is tested at 1.5 times operating pressure.
- Beautiful aesthetics manage.
- Burst pressure tested at 4 times operating pressure.
- Designed for absolute membrane protection.
- Available in end port and side port design for lower piping cost and ease of maintenance.

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**OUR
PROJECTS**



**UF PLANT
8000 LPH
RO**

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Technical specifications of T TF membrane:

The existing OF membrane is horizontal, hollow fiber, and single bore with a bypass tube arrangement. Application Refinery effluent water treatment for TTP RO plant to produce RO permeates suitable for DM water production & Cooling Tower make-up. The vendor shall also supply all mandatory accessories, and consumables required for the installation of membranes such as O-rings, Interconnectors, End Connect ors, Gaskets and adapters, etc. and whatsoever required for successful installation, commissioning & sustained performance. subject to inlet quality parameters.



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1000 LPH RO



4000 LPH RO



2000
lph Ro

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