

# AQUA

Distributor for Eastern Region

**'TORAY'**

STARLITE<sup>®</sup>



**Solahart**

**AQUA**  
FILTRATION

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FILTRATION

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### STRING WOUND DEPTH FILTER CARTRIDGE

**MICRON:** 1,5,10.

The PP cartridges offer wide chemical resistency spectrum. These cartridges are manufactured by PP cord wound on a PP core in a precise pattern, assuring a high efficiency rating as well as a high dirt holding capacity.

**Configuration:**

**Std Dia :** 2.5" x 10", 20", 30" and 40" Jumbo - 4" x 10" & 20"

**Flow per 10":**

Std 16 LPM and Jumbo 50 LPM for raw water with an operating pressure of 2.5 bar.



### NOMINAL PLEATED PP FILTER CARTRIDGE

**MICRON:** 0.5, 1,5, 10.

The NPL cartridges are the economical alternative to the industrial version. The cellulose polyester media is pleated with 4 sq ft for 9.75" filter whose ends have been immersed in vinyl plastisol, creating an unitized end cap and gasket which eliminates by pass.

**Configuration:**

**Std Dia :** 2.5" x 10", 20", 30" Jumbo - 4" x 10" & 20"

**Flow per 10":**

Std: 16 LPM and Jumbo 50 LPM for raw water with a operating pressure of 2.5 bar.



### SPUN PP DEPTH FILTER CARTRIDGE

**MICRON:**1,5,10.

The SP cartridges are made up of 100% pure PP fibers. The fibers have been carefully spun together to form a true graded density cartridge.

**Configuration:**

**Std Dia :** 2.5" x 10", 20", 30" and 40" Jumbo - 4" x 10" & 20"

**Flow per 10":**

Std: 16 LPM and Jumbo 50 LPM for raw water with an operating pressure of 2.5 bar.



### ACTIVATED CARBON FILTER CARTRIDGE

The CT cartridges combine the long life of carbon block filtration with higher dirt holding capacity. These cartridges yield 5 micron nominal filtration which prevents the cartridge from plugging before it's absorbed on capacity is exhausted, maximizing the utilization of the carbon.

**Configuration:**

**Std Dia :** 2.5" x 10" & 20" and Jumbo 4.5" x 10" & 20"

**Flow per 10":**

16 LPM for Std 10" and 30 LPM for Jumbo 10"



### HIGH EFFICIENCY PLEATED PP FILTER CARTRIDGE

**MICRON:** 0.2, 0.45, 1, 5.

The PL PP of cartridges are the latest form of truly graded density microfiber media in pleated form. The multi layer pleating has created the graded density with coarser on the outside and finer towards the inside thereby increasing the dirt holding with very high efficiency.

**Configuration:**

**Std Dia :** 2.5" x 10", 20", 30"

**Flow per 10":**

Std: 16 LPM for raw water with an operating pressure of 2.5 bar.



### SS FILTER CARTRIDGE

**MICRON:** 5, 10, 25, 50, 80, 100

The filter cartridges are made out of versatile SS wire mesh in various micron ratings. The SS construction makes the filter resistant to all chemicals & temperatures. The surface filtration technology boosts the flow rate to almost double of the entire standard filter cartridge with ZERO replacement cost.

**Configuration:**

**Std Dia :** 2.5"- 10", 20", 30", & 40, Jumbo: 4" x 10", 20",

**Flow per 10":**

Std: 30 LPM and Jumbo 50 LPM for raw water with operating pressure of 2.5 bar.





## PLASTIC FILTER HOUSINGS

**CONNECTION:** ½", ¾", 1" AND 1.5"

The plastic filter housings are ideally used for wide range of applications including residential, commercial and industrial. These are available in 10" and 20" configuration with both slim for low flow and Jumbo for large flow application.

**Configuration:**

Std suitable for Single 2.5" x 10", 20" and Jumbo suitable for Single 4.5" x 10" & 20" cartridges



## STD SS HOUSINGS

**CONN:** ½", ¾", 1" AND 1.5"

Stainless steel housings are wall mounted heavy duty units meant for small filtration systems. Its brushed steel sump with cast steel head makes it ideal for high pressure and temperature application. It suits all type of Double Open End cartridges.

**Configuration:**

Std suitable for Single 2.5", x 10", 20" & 30" and Jumbo suitable for Single 4.5 x 10" & 20" cartridges

**MOC:**

SS 304



## FILTER BAGS

**MICRON:** 1, 5, 10, 25, 50, 75, 100 UM

The BP bags are made up of non woven needle felt with glazed finish PP. This finish is created by melting of the outermost surface fibers producing a bond which reduces the possibility of migration. The PP molded top and the ends are ultrasonically welded together.

The RSB series of bags are made of three layers of media. The inner layer works as a pre filter which is made of coarse Nylon mesh, the centre layer is non woven felt which does the actual filtration and the outer most layer is made with super fine spun bond fabric for final filtration. The unique Rubber collar ensures 0 BYPASS & 100% seal and very accurate filtration.

**Configuration:**

BP Dia : 4", x 10", & 20", & RSB: Dia 7", x 17", & 32"

**Flow per 10":**

100 LPM for 10 BP series and 200 LPM for 17 of RSB for raw water with operating pressure of 2.5 bar.



## FRP (RO HOUSING)

FRP membrane pressure vessels are manufactured by computer controlled filament winding machine and associated high precision processing equipments. With a team of skilled technical experts in the field of computer controlled machines, and with all the state-of-art processing machines in-house, We offers a range of high quality membrane housings in various colors including white, blue and grey as per customer's choice..



## BAG FILTER ASSEMBLY

**CONN:** 1.5", BSP F

The bag vessels are made of light weight corrosion resistant PP to give all strength required without being bulky. The fixed head mounting & compact design makes it easy to mount to any machine. All the PBA models are supplied with Pressure gauge, wrench & drain valve.

**Configuration:**

Std Dia : 4.5", x 10" & 20" with 1.5" BSP female threaded connection

**Flow per 10":**

100 LPM for raw water with operating pressure of 2.5 bar.



## RO MEMBRANE

**SIZES :** 4" X 40 & 8" X 40

The RO membranes include membranes of both 4" & 8" used for Brakish water with maximum TDS of 8000ppm. We are the distributor for eastern resion . we can also provide Sea Water, Low fouling & Speciality on request with attractive prices and delivery.

**Product range :**

Brakish Water, Sea water, Low Energy etc





## FRP VESSEL



The ideal choice for residential and light commercial water treatment applications that require flexibility. Improve your water treatment system with Starlite FRP Vessels. Easy to handle and install, our FRP tanks are available in standard polyester or chemical-resistant vinylester construction depending on your needs

### Product Features

- > Full choice of vessels available upto 63" diameter with 63" height
- > Diameter with capacities from 32.9 to 2000 litres
- > Outstanding performance and durability in harsh chemical environment
- > With rust free guarantee

### Application Areas

Starlite pressure vessels serves all residential, commercial and industrial applications and these vessels are mainly for filtration, softening, water treatment and storage.

## MULTI PORT VALVES

MPV are made from wear resistant, high hardness ceramic disk that provide longer service life. Innovatively designed, easy to handle, also excellet seal capabilty preventing internal leakage. By just clockwise and anti clockwise rotating of handle multiple functions can be performed such as filter, back wash, rinse, brine suction Etc.

### Product range :

½" to 2.5" - Top & Side Mount valve for Filter and Softner application.



## DISTRIBUTION SYSTEMS



The DS comprises the vast range of Distribution system primarily used as the internals of the FRP tanks. These are made with very high quality plastics with exact pore sizes to suit the application. These Distribution systems are easy to assemble and install. They assembly consist of finely slotted grooved Laterals that allow easy channeling of water to flow without passing the media or resins to the systems. The uniform spacing and grooving allow uniform distribution of water during backwash and service flow.

The Specially designed Vacuum Breaker prevents air lock in the system saving loss of damage of vessels being crack due to vacuum or result leakages in the line.

### Configuration :

Strainers starting from 14" to 63" with connections from 2.5" threaded to 6" flange.

Flow ranging from 1m3/h3 to 40 m3/hr



## ONLINE INSTRUMENTS



### PH / CONDUCTIVITY / TDS

We provide QUALITY ELECTRONIC instruments passed through latest testing procedures and equipments. Our range includes Online pH, Conductivity and TDS indicators. Along with Micro Controller based TDS, pH and Conductivity controllers.

All our instruments are supplied with their respective sensors and buffer solutions.

## ROTA METERS

Rota meters are sturdy and compatible type flow meters. Its Poly Sulfone(PSU) / Polycarbonate (PC) body, PVDF floats make it compatible for a very high range of pH. The strong UPVC union / Elbow provides ease of installation and also economical and durable. Due to the non metallic float material the FM series highlight ZERO corrosion in the internals.

12 - 60	DN	Range	Online	Panel
RM 15	15	25-250	1/2" BSP F	1/2" BSP M
		40-400 60-600		
RM 15	25	0.1 - 1	3/4" BSP F	3/4" BSP M
		0.16 - 1.6 0.25 - 2.5		
RM 32	32	0.4 - 4	1" BSP F	1" BSP M
		0.6 - 6		
RM 50	50	0.6 - 6	2" BSP F	2" BSP M
		1 - 10		
		1.6 - 16		
RM 65	65	5 - 25	2.5" BSP F	2.5" BSP M
		8 - 40		



## PRESSURE GAUGES

### PRESSURE RATINGS : 0 TO 160 OR 400 PSIG

The PG series stands for the wide range of pressure gauges provided by us. With MOC starting with all GI to all SS construction, it offers complete cost and chemical compatibility. The standard which is commonly available is Brass internals with SS 304 bodies. They are suited for all water and water treatment applications.

### Product range :

Pressure ratings 0-160 Psi and 0-400 PSI with Both Bottom and Panel mount type configuration.





## RO CONTROL PANEL

- Complete RO logic pre-programmed.
- User Friendly.
- Auto/ Manual facility inbuilt.
- Inbuilt operation hour counter.
- Inbuilt TDS & Pump Amper monitoring.
- Alphabetical Blue & white LCD display for better visualization.
- Mimic diagram with 6 LEDs for I/O indication.
- Stable automatic flushing time up to 300 seconds for enhance membrane life.
- For motor protections required overload, single phasing, dry running types of safeties inbuilt.
- Provision for auto multi port valve (MPV) in pre-treatment also inbuilt.
- Well designed appearance to provide premium look to the RO plant.
- Easy mounting on plant and sufficient space to the service person to make connections.
- This is the only panel which has two different card for controlling & powering for longer life of components as well as on site easy replacement for service person.



## PRO AQUA DOSING PUMPS

Dosing pump caters to a wide range of application including cleaning & hygienic, water treatment, industrial application, process Configuration:  
0.2 to 120 LPH Electromagnetic & motor driven pumps.



## HIGH PRESSER PUMP

- Non corrosive material of construction.
- Ideal solution for commercial systems.
- Designed for continuous duty condition.
- Low noise level.
- Space & pipping saving vertical design.
- Ideal solution for flow rate between 1 m3/h to m3/h & maximum pressure up to 11 bar.
- TEFC motor comes with IP 55 protection and class F insulation.



## VICTAULLIC TYPE COUPLINGS



**SIZES : ¾" TO 8"**

The VC consist of Cast Iron & SS Victaulic Type ribbed couplings. They are used for connecting grooved end pipes. The Cross ribbed constructions supports high working pressure. The EPDM coupler in the Glands provides fl exibility, contraction and expansion. The Style 77 type couplings boasts pressure ratings as high as 1000 psi.

## PRESSER SWITCH

- All Plastic CORROSION FREE wetted parts.
- Set point adjustable with CENTRAL GRUB SCREW.
- Both NO NC CONTACTS.
- FIXED HYSTERESIS.
- EASY TO INSTALL.
- Excellent REPEAT-ABILITY



## UV



Drinking water systems for Hotels, Schools, Colleges, Canteens, Commercial Buildings, Residential buildings, Individual Bungalows etc. These systems will have a micron pre filtration system followed by Activated Carbon Filtration and finally an UV system.

For use in various industrial process where the presence of harmful bacteria and viruses is not acceptable. Depending on individual industry needs we can provide all the industries with suitable Ultraviolet Disinfection solutions. High flow to very high flow UV model are available for each and every application.

All RO membranes are prone to fouling due to the presence of bacteria in the water. Fouling of the RO membrane will not allow the RO system to function and may also lead to frequent replacement of the membranes thus increasing your maintenance costs. Field trials and practical on site testing have proved beyond any doubt that installing a UV disinfection systems before the RO membranes is beneficial as well as cost effective.

## OZONE

### Primary Advantages to Ozone

1. Ozone is effect over a wide pH range and rapidly reacts with bacteria, viruses, and protozoans and has stronger germicidal properties then chlorination. Has a very strong oxidizing power with a short reaction time.
2. The treatment process does not add chemicals to the water.
3. Ozone can eliminate a wide variety of inorganic, organic and microbiological problems and taste and odor problems. The microbiological agents include bacteria, viruses, and protozoans (such as Giardia and Cryptosporidium).





## RESINS



We offer you a wide variety of resins starting from standard Cation used for softening application to all types of Cations and Anions used for De mineralization or Mixed Bed application. We also support application where in specialized resins and chemicals are used on the basis of application. Our Ware house are stocked with the standard Cation and Anion for Softners and DM plants.

## ANTI SCALANTS

We provide you with high grade of General and Silica based anti scalants to be dosed regularly in RO plants. Our anti scalants control all kinds of inorganic, metal or colloidal scales and precipitates even at extreme pH and temperatures. The prevent scale formation and even biological growth in few application. The polymer construction makes it compatible for all kinds of RO applications.



## ALL TYPES OF MEDIA

We provide all types of media like Treated Sand, Gravels, Pebbles, Mno2, Anthracide.

We have german media Katalox-Light®

Removal of:

- ▶▶ Iron (Inlet conc. up to. 100 mg/L)
- ▶▶ Manganese (Inlet conc. up to 20 mg/L)
- ▶▶ Arsenic
- ▶▶ Hydrogen sulfide
- ▶▶ Uranium, Radium
- ▶▶ Heavy Metals
- ▶▶ Radionuclide



## FULL RANGE OF ETP & STP COMPONENTS



Solar is a great way to reduce your energy bills and your reliance on energy companies by harnessing the sun's free energy. Solahart has been delivering hot water free from the sun to households around the world for over 60 years and today our range has expanded to include solar power (PV) and battery storage technology. Replace your old gas or electric water heater with a Solahart solar water heater and save 50%-90% of your hot water energy use. Install a Solahart PV system to provide power to your home and supplement this with a Tesla Powerwall battery to store free power for use at night or when the sun's not shining. Any surplus power can then be fed back into the grid. Because Solahart provides all three solutions, you will get unbiased advice on the best system for your needs. We also insist our dealers and installers are fully trained to ensure a quality installation. Solahart also has an extensive range of commercial solutions for businesses trying to reduce their energy bills, particularly where they use a lot of hot water or power during daylight hours