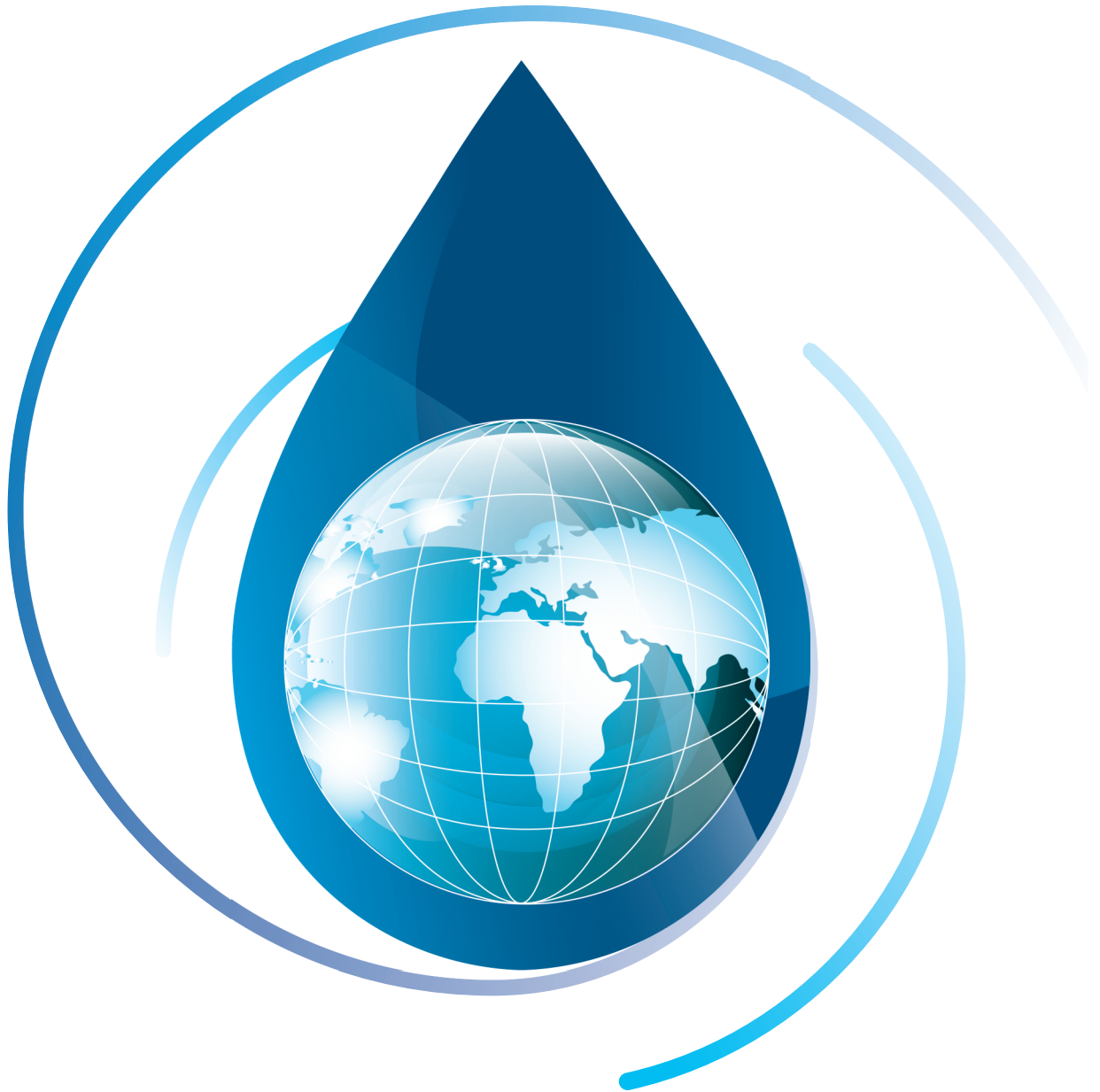



Waving dreams into reality...



www.chastenwater.com



About Chasten Water...

- Established in the year 2012, at Ahmedabad (Gujarat, India), “Chasten Water Components” is a set of process design and development, production and sales in one off the modern enterprise. We are instrumental in manufacturing and supplying a broad assortment of superior quality Fab Media, Distribution System, PP Molded Filter Housing, Filter Bag, Plastic Filter Nozzle, Plastic tube Rota meter, Flot switch, Diffuser, Tube settler media, Dosing pump, Multi port valve and uPVC filter housing.
 - Chasten uphold the talent and technology as the core customer and market demand for excellence, strive for perfection, the spirit of “quality assurance and customer satisfaction”, the production approach, the use of advanced production technology and scientific management methods, innovative, sustainable development.
 - Our offered product array is precisely manufactured with the utmost precision under the supervision of our experienced professionals using the best grade raw material sourced from the authorized vendors of the market.
 - Owing to their features like dimensional accuracy, excellent finish, corrosion resistance, elevated durability, low maintenance and optimum quality, these products are extremely valued by our clients. We offer our products in various specifications and dimensions as per in order to accomplish varied requirements of clients. Apart from these, our precious clients can avail these products from us at leading marketing prices.
 - With our good quality, profession & innovation products, excellent service, we warmly welcome your presence and patronage.
- 

FLUIDOSE-Dosing pump

Backed by an adept and proficient team of experts, we have been able to offer the best array of Dosing pump. The product offered by us is developed under the control of our knowledgeable professionals by using top grade components and latest technology. Our offered product is available in numerous stipulations as per the varied demands of our patrons. This product can be availed from us at competitive rates.



Features

- Long working life
- Smooth functioning
- Can easily handle most of the liquids
- Splash proof enclosure
- Adjustable RPM
- Compact and lightweight

Technical Specification

- Dosing rate @ 4Kg/cm² 6 TO 8 LPH
- Suction/Discharge tubing 4/6 mm
- Electrical 230V AC, 50 Hz

Scope of Supply

- Metering pump
- 3 meter Suction Discharge tubing
- Suction filter
- Injection Valve

Distribution systems for Pressure Vessels

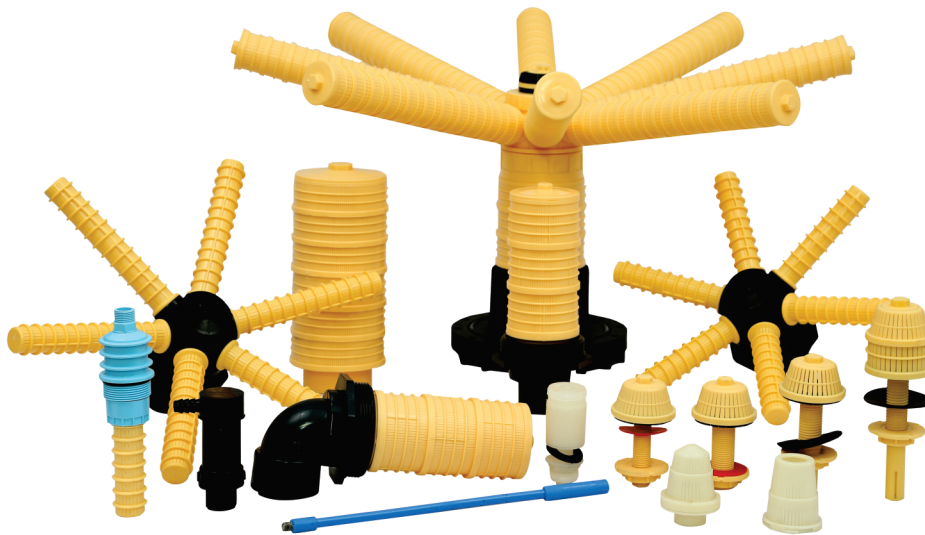
Description

We have a quality proven range of distribution system for all types of filters, softeners and demineralization plants. That is used for uniform collection of the fed water owing to its larger area of collection.

Our distribution system are suitable for any type of FRP pressure vessels with varying diameters in the range of 14” to 63”. These systems feature chemical and impact resistance for a variety of applications. They can be used for standard openings of 4” threaded and 6” flanged and for only top and both top & bottom openings.

These distribution system are constructed using high grade material and fitted with world class components to make sure that they work efficiently at client’s end. These power distribution systems yield higher efficiency and have longer life.

These distribution systems are easy to assemble and install systems are integrated with perforated pipe laterala that allow easy channeling of water flow. Available in varied specifications, these systems allow uniform distribution of the backwash water and air.



Features

- Available for a wide range of vessel sizes (14” 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

Technical Data

Vessel Diameter	Type of tank	Description	System code	Materials
14" up to 36"(Top)	4"- 8UN Threaded	Top Mount stack diffuser	4R2-63 or 4R2-50	PP,PVC
		Top Mount stack diffuser with 1½" or 2" Female threaded out	4R2-15 or 4R2-20	PP,PVC
14" (Bottom)	4"- 8UN Threaded	Bottom Mount Hub & Lateral System	414-63	PP,PVC,ABS
16" (Bottom)		Bottom Mount Hub & Lateral System	416-63	PP,PVC,ABS
18" (Bottom)		Bottom Mount Hub & Lateral System	418-63	PP,PVC,ABS
21" (Bottom)		Bottom Mount Hub & Lateral System	421-63	PP,PVC,ABS
24" (Bottom)		Bottom Mount Hub & Lateral System	424-63	PP,PVC,ABS
30" (Bottom)		Bottom Mount Hub & Lateral System	430-63	PP,PVC,ABS
36" (Bottom)		Bottom Mount Hub & Lateral System	436-63	PP,PVC,ABS
42" (Top)	6" Flange	Top Mount Hub & Lateral System	6F4275-U	PP,NYLON
48" (Top)		Top Mount Hub & Lateral System	6F4875-U	PP,NYLON
63" (Top)		Top Mount Hub & Lateral System	6F6375-U	PP,NYLON
42" (Bottom)		Bottom Mount Hub & Lateral System	6F4275-L	PP,NYLON
48" (Bottom)		Bottom Mount Hub & Lateral System	6F4875-L	PP,NYLON
63" (Bottom)		Bottom Mount Hub & Lateral System	6F6375-L	PP,NYLON
63" (Top)		Top Mount Hub & Lateral System	6F6390-U	PP,PVC
63" (Bottom)		Bottom Mount Hub & Lateral System	6F6390-L	PP,PVC
42"/48" flanged end (Top)		Top/ Bottom mount stack diffuser	6FR375	PP,NYLON
Vacuum Breaker			VB	PP,ABS

Rotameter

Description

A rotameter is a device that measures the flow rate of fluid in a closed tube. It belongs to a class of meters called variable area meters, which measure flow rate by allowing the cross-sectional area the fluid travels through, to vary, causing a measurable effect.

Principle of Operation

The rotameter's operation is based on the variable area principle: fluid flow raises a float in a tapered tube, increasing the area for passage of the fluid. The greater the flow, the higher the float is raised. The height of the float is directly proportional to the flow rate. With liquids, the float is raised by a combination of the buoyancy of the liquid and the velocity head of the fluid. The float moves up or down in the tube in proportion to the fluid flow rate and the annular area between the float and the tube wall. The float reaches a stable position in the tube when the upward force exerted by the flowing fluid equals the downward gravitational force exerted by the weight of the float. A change in flowrate upsets this balance of forces. The float then moves up or down, changing the annular area until it again reaches a position where the forces are in equilibrium. To satisfy the force equation, the rotameter float assumes a distinct position for every constant flowrate. However, it is important to note that because the float position is gravity dependent, rotameters must be vertically oriented and mounted.



Materials of rotameter parts

- Joint Fittings: PVC
- Male & Female thread: PVC
- Taper tube: PC
- Floats: ABS

Connection mode of rotameter

- Intubation connection
- Internal & external thread
- Panel mounting

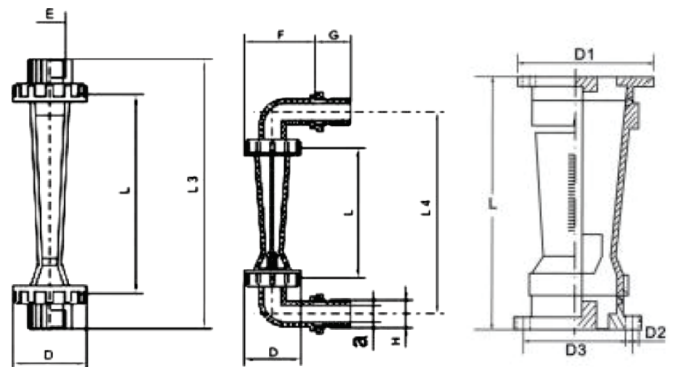
Technical Data

Model	DN(mm)	Range		Accuracy	°C	MPa
		LPH	CUM			
FM 15	15	10-100		±4%	0-60	≤1.0
		20-200				
		50-500				
		200-1200				
CWC 15	15	25-250				
		40-400				
		60-600				
		120-1200				
CWC 25	25	100-1000	0.1-1.0			
		160-1600	0.16-1.6			
		250-2500	0.25-2.5			
CWC 32	32	400-4000	0.4-4.0			
		600-6000	0.6-6.0			
CWC 40	40	600-6000	0.6-6.0			
		800-8000	0.8-8.0			
		1000-10000	1.0-10.0			
CWC 50	50	1000-10000	1.0-10.0			
		1600-16000	1.6-16.0			
CWC 65	65		5-25			
			8-40			
			12-60			
CWC 100	100		10-90			
			12-120			
CWC 125	125		15-150			
			20-200			

Installation dimensions

Model	L	D	L3	E	L4	F	G
FM 15	100	40	145	½" BSP	155	40	33
CWC 15	160	50	210	½" BSP	230	56	27
CWC 25	170	59	225	¾" BSP	275	71	28
CWC 32	225	72	290	1" BSP	345	86	35
CWC 40	225	78	320	1 ½" BSP	390	100	35
CWC 50	290	98	370	2" BSP	440	109	40
CWC 65	325	120	420	2 ½" BSP			

Intubation connection, internal and thread and panel mounting.



Model	L	D1	D2	D3
CWC-100	555	215	∅ 17X8	180
CWC-125	555	250	∅ 17X8	210

INNOX-MULTI PORT VALVE

Product Details

Among our wide range of products, we are offering a premium quality assortment of Top Mounted and Front Face filter and softener Multiport Valves. We offer a highly efficient range of 3/4" to 2" Multiport Valves, which are fabricated using quality material and offer 40 % higher flow. These valves have the inlet and outlet in precisely same axis and are built in unions. Our range finds application to fit in all types of vessels without adapters.

Filters

- Down flow Pressure Sand Filters.
- Down flow Activated Carbon Filter.
- Down flow Multi grade Filters.
- Down flow Iron Removal Filter.



Procedure for filter

- Shut off pump motor.
- Press down on valve handle, rotate valve from FILTER to BACKWASH position.
- Watch pressure gauge for back-pressure and pipe line for kinks. Be prepared to shut off pump quickly.
- After hose fills with water, run for 2 to 3 minutes or until water runs clear.
- Shut off pump motor and move multiport valve handle to RINSE position. Run on rinse for 5 to 10 seconds. Shut off pump again, and move handle back to BACKWASH. Turn on pump again until water runs clear. Continue in this fashion 3 to 4 times, alternating between backwash and rinse, to ensure a thorough backwash.
- Shut off pump motor and move multiport valve handle to FILTER position.
- Turn pump back on and note lower pressure.

Procedure for Softener

- Always press the handle down before turning the handle to the desired position viz. Service, Regeneration or Rinse.
- If the line pressure is more, it is advisable to close the inlet valve before turning handle.
- Ensure that minimum 2kg/cm² pressure is available for getting optimum ejector performance.
- If there is a suction problem even at 2kg/cm² then the ejector filter screen may be clogged with dirt etc. For cleaning this, the bolts connecting the upper and lower housing of MPV have to be removed, after disconnecting/closing the inlet. Then remove the filter and wash and clean it and refit reassemble the MPV.

Top Mount Valve	3/4" filter and Softener	1" filter and Softener	1.5" Filter and Softener
Material	nylon	nylon	Nylon
Media	Fuel, Water	Fuel, Water	Fuel, Water
Valve connection with top opening vessel	65 mm (2 ½") NPSM (8 tpi) or 100mm (4")	65 mm (2 ½") NPSM (8 tpi) or 100mm (4")	65 mm (2 ½") NPSM (8 tpi) or 100mm (4")
Riser pipe size	26 mm PVC pipe	32 mm PVC pipe	32 mm PVC pipe
Max. flow rate (valve + strainers)	2.5 m ³ /h	6 m ³ /h	12 m ³ /h
Working Pressure	0.15 - 0.6 MPa	0.15 - 0.6 MPa	0.15 - 0.6 MPa
Working Temperature	5 – 50 °C	5 – 50 °C	5 – 50 °C
Inlet, outlet, drain connections	20 mm BSPF quick release union straight	25mm BSPF quick release union straight	40 mm BSPF quick release union straight
Maximum Operating Pressure	4 to 6 Kg/cm ² for GF	4 to 6 Kg/cm ² for GF	4 to 6 Kg/cm ² for GF
Minimum pressure for uniform suction	2.0 kg/cm ²	2.0 kg/cm ²	2.0 kg/cm ²
Ejector brine line	¼" BSP	½" BSP	¾" BSP

Note: Riser pipe length with bottom strainer attached should be 40 mm above vessel top.

Side Mount Valve	1" filter and Softener	1.5" Filter and Softener	2" Filter and Softener
Material	nylon	Nylon	Nylon
Media	Fuel, Water	Fuel, Water	Fuel, Water
Max. flow rate (valve + strainers)	6 m3/h	12 m3/h	20 m3/h
Working Pressure	0.15 - 0.6 MPa	0.15 - 0.6 MPa	0.15 - 0.6 MPa
Working Temperature	5 – 50 °C	5 – 50 °C	5 – 50 °C
Inlet, outlet, drain connections	25mm BSPF quick release union straight	40 mm BSPF quick release union straight	50 mm BSPF quick release union straight
Maximum Operating Pressure	4 to 6 Kg/cm2 for GF	4 to 6 Kg/cm2 for GF	4 to 6 Kg/cm2 for GF
Minimum pressure for uniform suction	2.0 kg/cm2	2.0 kg/cm2	2.0 kg/cm2
Ejector brine line	½" BSP	¾" BSP	1" BSP

Application

For Sand / Carbon / Multimedia Filter

CHERRY-Float switch

Description

The CHERRY float type floating level switch is suitable for level switching of various kinds of water in shafts, tanks, basins or cisterns. The double chambered float is made of injection molded tough polypropylene that ensures good waterproof protection. The contacting micro switch is incorporated in the float.

It prevents Overhead tank from overflow and also over pumping of Sump, Well etc. It allows the user to be free from the both operation 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.
- 3 core cable highly tensile strength
- Long life Weather proof.
- Tested 11 Number of times
- Mercury free operated micro switch
- IP68 protection
- 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.
- Circuit breaking capacity: directly 1kW with 250V
- Low specific weight of the floating body
- Micro Switch:
10(6)A250V – 10(16)A125V



Applications

- Level switch from potable water to industrial wastewater
- Suitable also for tanks and basins
- Tank filling / emptying control
- Fail-safe indication and pump control
- For overall protection

Fab Media

We supply 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. Essentially CAB system is a hybrid reactor where attached growth and suspended growth activity takes place.

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
- Extremely easy to install
- Longer Media Life



Applications

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

Size

- 24mm x 13mm
- 24mm x 20mm

Model	PP 13	PP 22
Effective Specific Surface Area of Media	400 m ² /m ³	400 m ² /m ³
Color	Black	Black
Media Height	13 mm	22 mm
Media Diameter	22 mm	22 mm
Type of Media	Fluidized Bio Media	Fluidized Bio Media
MOC of Media	Virgin PP UV Stabilized	Virgin PP UV Stabilized
Structure	Cylindrical With External Fins	Cylindrical With External Fins
PSA/TSA Ratio (%)	75	75
Specific Weight (Kg/m ²) Surface Area	0.37	0.37
Specific Gravity	0.90 – 0.95 gm / cm ³	0.90 – 0.95 gm / cm ³
MAX Continuous Operation Temperature	80°C	80°C
Void age	> 98%	> 98%
Density (gm/cc)	0.93	0.93
Media Fill Rate Range, % Fill of V	25 – 55	25 – 55
Sizes available	24mm x 13mm	24mm x 20mm
Raw Material Used	Poly propylene	Poly propylene

Tube settler media

Clarification/sedimentation is the most important stage in the field of water treatment. The most efficient sedimentation systems have high settling surface area whilst maintaining a small structure. Chasten water components tube settler media provides a large settling surface area within the specified volume thus giving high flow rates. They have a chevron shaped self-supporting structure in a tubular form with six sides. They are primarily used in applications like solid – liquid water in clarifiers in primary and secondary sedimentation and oil water separators.



We are manufacturing the Tube Settler Media with an inexpensive method of existing water treatment plant clarifiers and sedimentation basins to improve performance. These are made with PVC. Tube settlers are very easy to provide effluent support to the water plants. We deliver them in lots of module sizes and tube lengths to fit in any tank. They required Minimum space for storage.

Tube settler media have no moving parts as a result of which there is no energy loss. The distribution and velocity are minimum resulting in maximum efficiency and better effluent quality. The efficient design minimizes space requirements and is sturdy and easy to transport and install. Tube settler media increase the capacity of existing clarifiers due to increase in available settling area. In case of new plants, tube settler media result in reduced tank sizes thus reducing civil construction costs.

Features

- Enhances particle agglomeration and growth
- Increases capacity of clarifier
- Enhances suspended solids concentration
- Installation is fast and easy
- Capacity 80 cum/day
- Automatic Grade Automatic Semi-Automatic Manual

Technical Specifications

Distance between adjacent tubes	Horizontal-120mm, vertical-44mm
MOC of Media	PVC
Shape of tube	Hexagonal Chevron & Square Shape
Tube Fitting	Tongue and groove
Thickness	1.1mm(+/- 0.1 mm)
Maximum continuous working temperature	55°C
Plan settling area	13M2/M3 (AT 55 DEG. SLOPE)
Height of Media	750mm, 1000mm or, As per client required

Applications

- Increase surface area
- Industries where this product is used: Where waste water is generated.
- Colors & packaging available : Blue& Poly Bags

AIRFLEX-Diffuser

AIRFLEX range of products includes a wide range of aeration products as fine bubble and Coarse bubble membrane diffuser-Tube type and Disc type diffuser. The AIRFLEX Membrane Diffuser is manufactured from high Grade EPDM sleeves, environmentally resistant and durable molded PVC base

PROCESS

In the waste water treatment process, Aeration, to be effective, must transfer oxygen to the liquid for use by microorganism, to produce a floc and mixing the liquor. Diffused aeration is effective method for aeration by means of porous diffusers installed at the bottom of the tank, in the aeration process, oxygen transfer takes place by molecular diffusion through the interface film between air and liquid and it increases in proportion to the interface area. For a given air flow, as the number of bubbles increases, the surface area increases and the rise velocity of bubbles decreases, the diffused aeration transfer more surface area to the liquid than mechanical aeration, e.g. diffuser emerging up to 2 mm bubbles presents six times more surface area to the liquid than surface aerator emitting 10 to 12 mm bubbles, also rise velocity of bubbles is lower. Surface area and rise velocity of bubbles contribute to the higher oxygen transfer capacity of diffused aeration system.

AIRFLEX TUBULAR DIFFUSER PRODUCT SPECIFICATION SHEET

Model	SIZE mm D x L	Connection	uPVC support pipe OD in mm	Perforation length in mm	Min. Active surface area of diffuser	Air discharge per diffuser at medium duty in M ³ /hr	@ Nos. of “.” Slit perforation Slit length	Oxygen transfer per diffuser(SOTR) SAE in O ₂ Kg/kw/hr
“AIRFLEX -1”	63x625	3/4” BSP Female thread	63	600	0.1 m ²	7-9	12244	Up to 3
“AIRFLEX -2”	63x1000	3/4” BSP Female thread	63	1000	0.18 m ²	8.5-11.8	17660	Up to 4
“AIRFLEX -3”	90x1000	1” BSP Female thread	90	1000	0.251 m ²	11-14.5	19450	Up to 4.32

AIRFLEX FINE BUBBLE DISC DIFFUSER DISC-245 / DISC-330

MODEL	DISC-245	DISC-330
Material of Membrane	EPDM / SILICONE	EPDM / SILICONE
Disc Base	PP	PP
Dia. Of Disc (mm)	245 (9")	330 (12")
Air Flow (M ³ /H)	1.0-7.2	1.0-12.0
Bubble Size (mm)	1-3	1-3
Floor Coverage (%)	2-25	2-25
Weight (kg)	0.60	0.85
Operating temp.(°C)	85	85
End connection	3/4" BSP Male thread	3/4" BSP Male thread
Perforated Area (M ²)	0.032	0.061

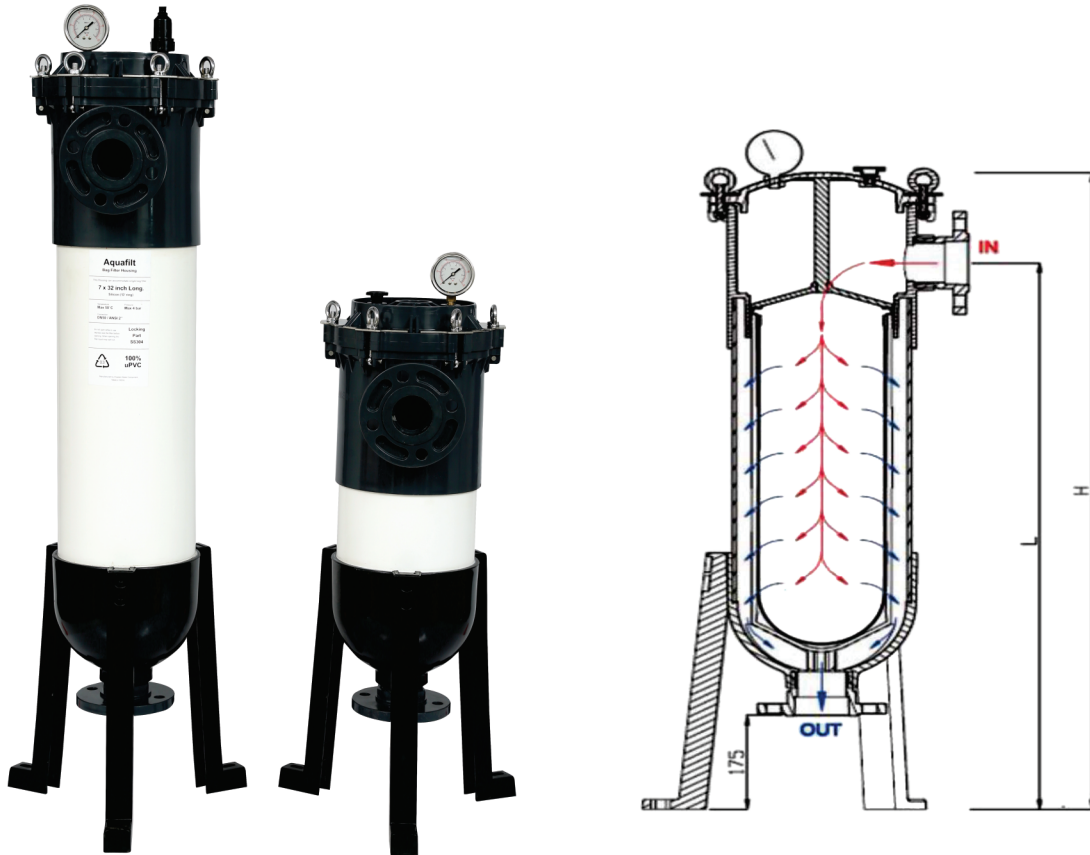


COARSE BUBBLE DIFFUSER

- Model: DISC - 150
- Shape: Disc
- Size: 150mm (6") dia.
- Bubble Size: 4 to 5 mm
- Membrane: EPDM
- Membrane Support: PVC& ABS
- Operating Temp. : 85° C
- Air Discharge: From Peripheral
- No. of Air Discharge Ports: 8
- Air Flow Rate Per Diffuser: 4-10 m³/hr
- Min. Req'd. Qty. for Mixing: 1 Nos/ m²
- End connection: ¾" and 1" BSP Male thread
- Special Feature: Non Clogg Arrangement

AQUAFILT – UPVC bag filter housing

UPVC bag filter housings provide an economical alternative to stainless steel. Bag filter systems are designed for high flow rates and high sediment holding capacity. Its range provides filtration solution for a broad variety of fluid applications in the process industry. They are particularly useful for filtering large volume of high viscosity liquids.



Flow Diagram

Note: The highest working temperature of housing is 50°C. The size of the two holes in cap is 1/4" BSP threaded. On the cap, one side pressure gauge is mounted and on another side vent is mounted. It can install all material, all precision's filter bag 1 PCS.

Operate Element

The liquid which will be purged into the filter bag from the inlet, then the liquid flow from the inner surface to the outer surface. At last, it will be come into the appointed tank. On reverse, the impurity will be held up in the bag. The filter can be recycled when changed another new bag.

Operating Information

Type	Size	Bag size	In/Out	L	Max. Pressure
CWC-BF-1	Ø225	Ø7" X 32"	FLG: DN50/ANSI2"	1050 mm	105 psi
CWC-BF-2		Ø7" X 16"		665 mm	

Product Merits

- UPVC material has good corrosion resistant.
- The unique seal system makes the filter more safety.
- It can prevent the bag plunged into the support basket, no inner leak.
- Good appearance and compact inner construct.
- High efficiency of filter; quick flow of liquid, big capacity of impurity.
- High precision, the filter range can be from 0.5-200µm.
- The price is more competitive.

Applications

Processing Chemicals	Paints
Petroleum Derivatives	Inks
Coolants	Resins
Cutting Oils	Varnishes
Cleaning Fluids	Lacquers
Vegetable Oils	Pharmaceuticals
Edible Oils	Sugar Syrup
Polymers	Plastsols

AQUAFILT – UPVC cartridge filter housing

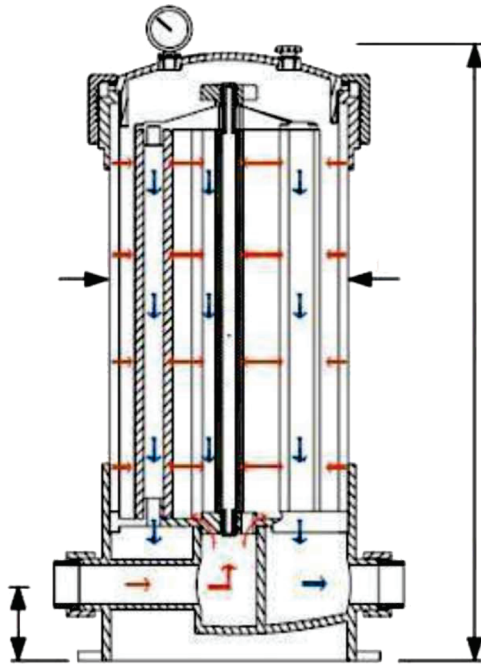
CWC UPVC Filter Housings combine design simplicity with high filtering quality. UPVC Filter Housings offers wide range of flow capacities & contaminant holding capacities. Cartridge filters are normally used as polishing filter in almost all process industries.



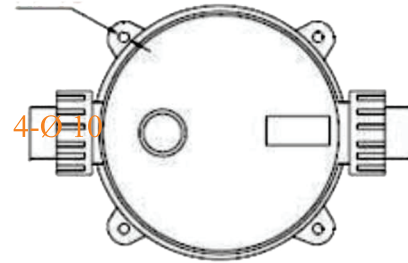
Operating Information

Type		Size	Cartridge pcs	Cartridge size	In/Out	Max Pressure
CWC-5DC1	CWC-3DC1	Ø225-H465	5/3	10"	FLG: DN50/ANSI2"	105 psi
CWC-5DC2	CWC-3DC2	Ø225-H715		20"		
CWC-5DC3	CWC-3DC3	Ø225-H965		30"		
CWC-5DC4	CWC-3DC4	Ø225-H1215		40"		

It can install all material, all precision's cartridge 5 pcs, which I.D. is 28-30 mm and O.D. is 65-70 mm. The highest working temperature of housing is 50°C. The size of the two holes in cap is 1/4" BSP threaded. On the cap, one side pressure gauge is mounted and on another side vent is mounted.



Flow Diagram



Pedestal Location

Product Merits

- All the parts of this series filter are made of UPVC.
- The inlet and outlet are in the same line, which connected with the pipe is adopt a 2" union.
- The distribution system of CWC – Aquafilt filter is distributed form bottom to top. Water is well proportioned with small strike to cartridges are easy to be installed and air is easy to be discharged.
- The bottom system of CWC – Aquafilt filter is designed together as a whole with the top localizer & closure system cartridges are easy to be installed, pushed down and closed, preventing leaking inside.
- A series: the lid and the body are connected using flange method; ensure the housing can stand higher pressure.
- CWC – Aquafilt filter is corrosion resistant. It can be used SS-non-replace field.

Application

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

AQUAFILT – UPVC cartridge filter housing

CWC cartridge filter system, Aquafilt is high precision. It consists of the housing and cartridge elements, mainly used in pretreatment. It can be widely used in electronics industry, sewage treatment beverage, foods, pure water treatment, also it can acts as home water purification equipment.

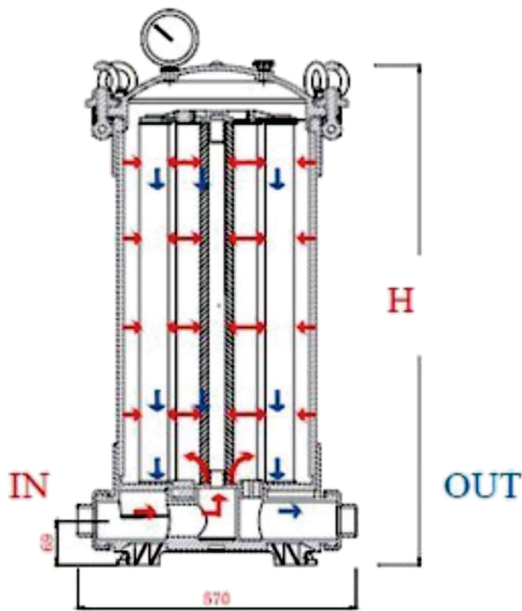


Operating Information

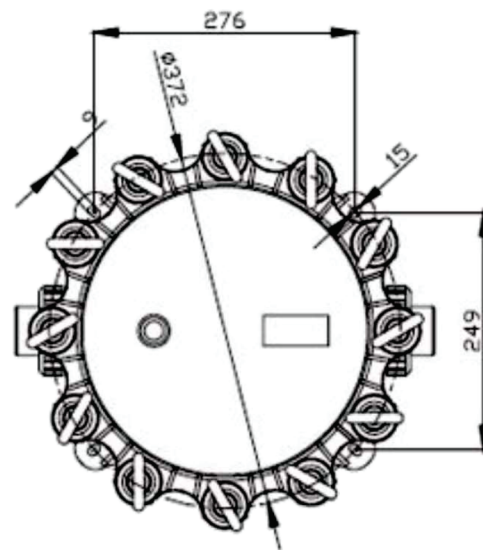
Type	Size(mm)	Cartridge pcs	Cartridge size	In/out (mm)	Drainer (mm)	Max pressure
CWC -9DC2	CWC-8DC2	Ø315-H745	20"	DN80/ ANSI 3"	DIN1/2" or ANSI1/2"	105 PSI
CWC-9DC3	CWC-8DC3	Ø315-H995	30"			
CWC-9DC4	CWC-8DC4	Ø315-H1245	40"			

Note:

It can install all material; all precision's cartridge 9 PCS or 8 PCS, which I.D. is 28-30mm, O.D. is 65-70mm. The highest working temperature is 45° c, The size of the two holes in the lid of the filter is G1/4". If the thread of the pressure gauge is metric standard, should add an adaptor and on another side vent is mounted.



Flow Diagram



Pedestal Location

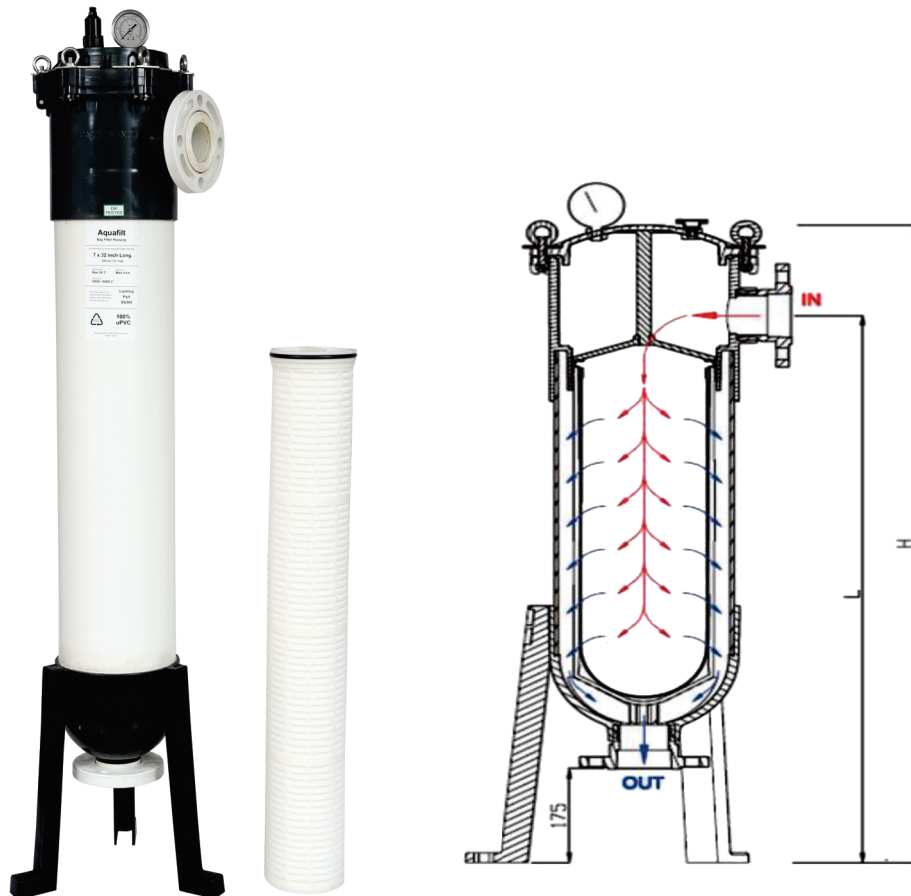
Product Merits

1. All the parts of this series filters are made of UPVC material.
2. The inlet and outlet are in the same line, which connected with the pipe is a 3" union.
3. The distribution system of HPCF filter is distributed from bottom to top. Water is well-proportioned with small strike to cartridges and air is easy to be discharged.
4. The bottom system of HPCF filter is designed together as a whole with the top localizer & closure system.
5. The lid and the body are connected using eyebolts flange method, Ensure a good seal performance and ensure the filter can stand higher pressure.
6. HPCF filter is corrosion resistant; it can be used in SS-none-replace field

AQUAFILT – UPVC High-Flow Filter Housing

UPVC High-Flow housings provide an economical alternative to stainless steel. High-Flow systems are designed for high flow rates and high sediment holding capacity. Its range provides filtration solution for a broad variety of fluid applications in the process industry. They are particularly useful for filtering large volume of high viscosity liquids.

Note: The highest working temperature of housing is 50°C. The size of the two holes in cap is 1/4" BSP threaded. On the cap, one side pressure gauge is mounted and on another side vent is mounted. It can install all material, all precision's High-Flow Filter Housing.



Flow Diagram

Operate Element

The liquid which will be purged into the High-Flow Filter Housing from the inlet, then the liquid flow from the inner surface to the outer surface. At last, it will be come into the appointed tank. On reverse, the impurity will be held up in the Cartridge. The filter can be recycled when changed another new Cartridge.

Operating Information

Type	Size	Cartridge Size	In/Out	L	Max. Pressure
CWC-HF-1	Ø225	20" X 6"	FLG: DN65/ANSI2.5"	1395 mm	105 psi
CWC-HF-2		40" X 6"		1560 mm	

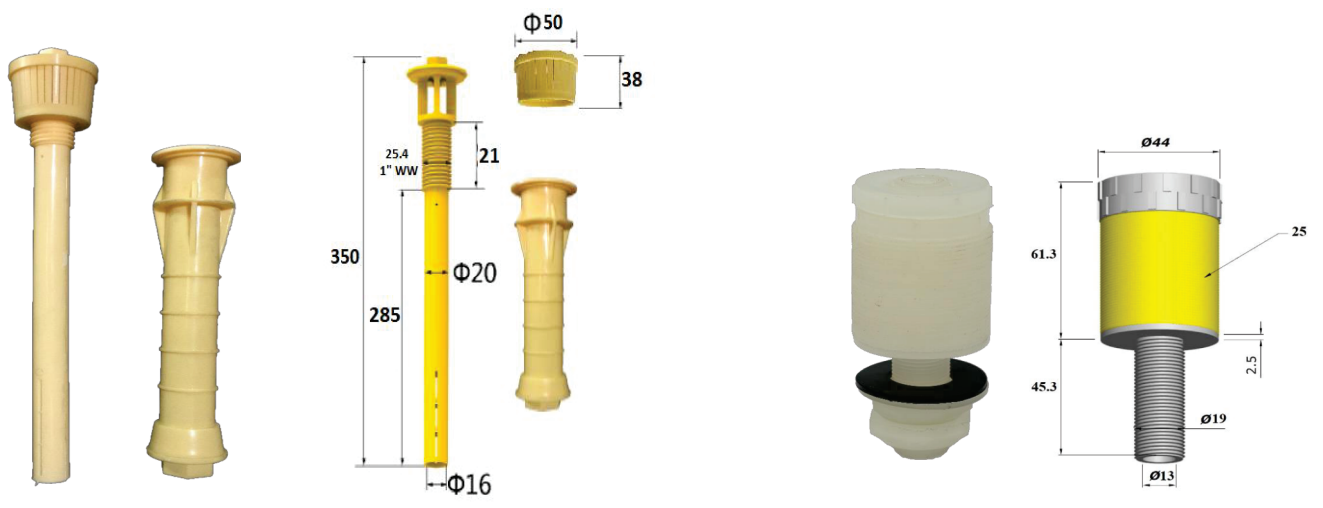
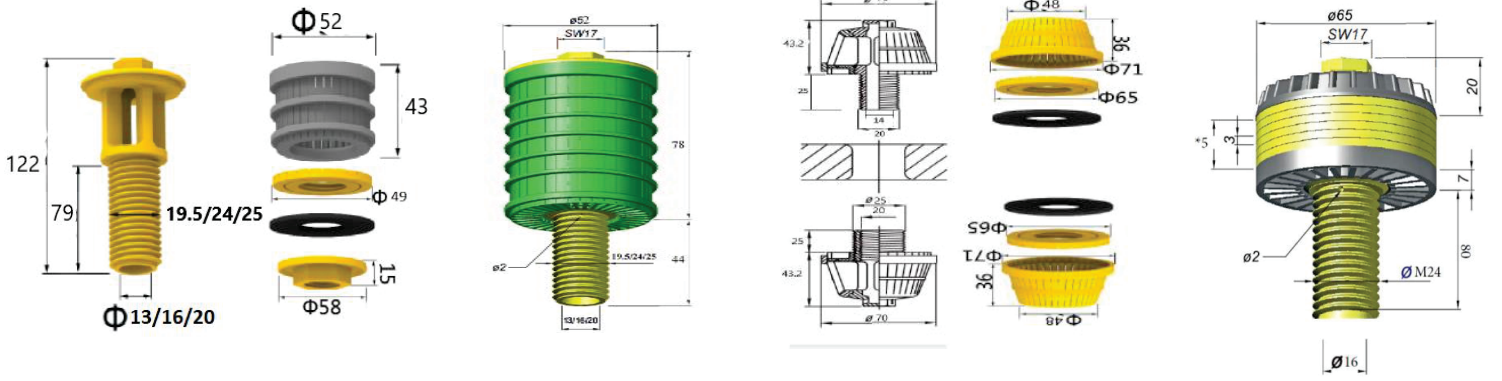
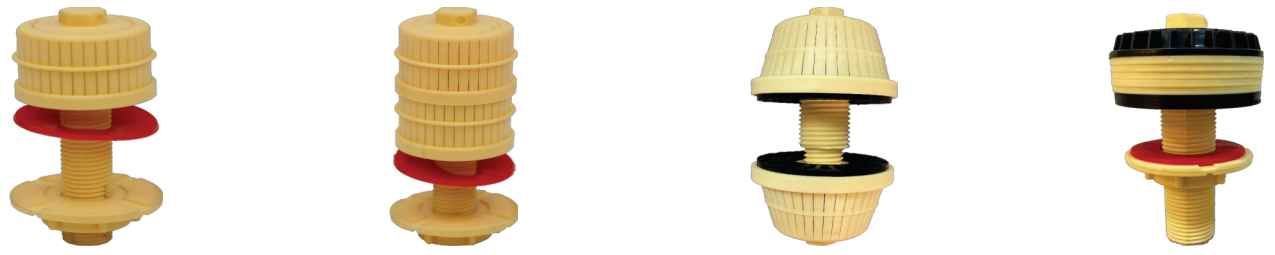
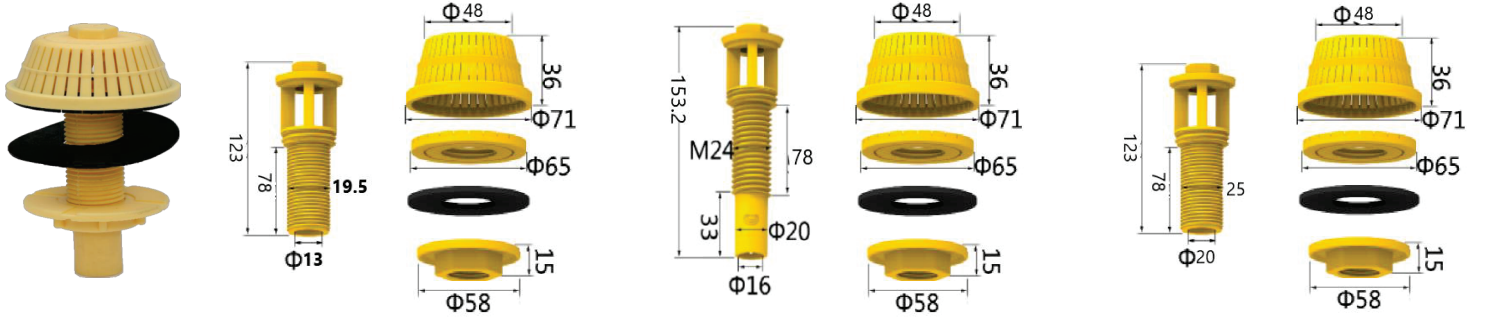
Product Merits

- UPVC material has good corrosion resistant.
- The unique seal system makes the filter more safety.
- It can prevent the Cartridge plunged into the support basket, no inner leak.
- Good appearance and compact inner construct.
- High efficiency of filter; quick flow of liquid, big capacity of impurity.
- High precision, the filter range can be from 0.5-200µm.
- The price is more competitive.

Applications

Processing Chemicals	Paints
Petroleum Derivatives	Inks
Coolants	Resins
Cutting Oils	Varnishes
Cleaning Fluids	Lacquers
Vegetable Oils	Pharmaceuticals
Edible Oils	Sugar Syrup
Polymers	Plastsols

Filter Nozzles



Excel Jumbo Housing

The polypropylene Jumbo Excel Housing is 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



Filter Housing

Size : 2.5" x 10", 2.5" x 20", 4.5" x 10", 4.5" x 20"

End Connection : 1/2", 3/4", 1", 1.5"

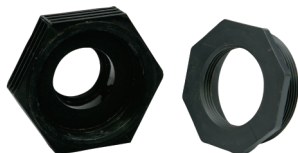
Bag Filter Assembly

Size : 4.5" x 10", 4.5" x 20"

End Connection : 1", 1.5"



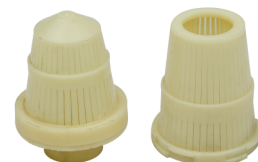
Adaptor



PP Flange



Stainer





AQUAFILT UPVC FILTER HOUSING



CWC - ROTA METER



INNOX - MULTI PORT VALVE



DISTRIBUTION SYSTEM



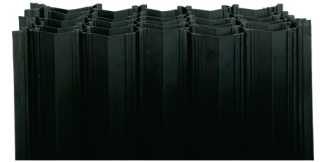
FLUIDOSE - DOSING PUMP



CHERRY - FLOAT SWITCH



FAB MEDIA



TUBE SETTLER MEDIA



AIRFLEX - DIFFUSER



EXCEL JUMBO HOUSING



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