



# FUTURE FILTRATION

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## SIDE-IN BAG FILTER HOUSING

The SIDE-IN bag filter housing is a full-featured investment-cast filter vessel. A bead, not sand, blasted finish that makes cleaning easy and a cover that can be easily adapted to different opening directions are among SIDE-IN's many value added features :

- For filter bags sizes 01, 02 and 04.
- 01 Size - 20,000 lt per hour flow for Nominal rated bags.
- 02 Size - 40,000 lt per hour flow for Nominal rated bags.
- 04 Size - 10,000 lt per hour flow for Nominal rated bags.
- Side entry inlet connection.
- Available in Carbon steel, 304 or 316 stainless steel.
- 1"-2" Flange or NPT Inlet and Outlet.
- Buna NTM seals standard (Viton also available) .
- Maximum operating pressure of 10 bar (standard model) .



Model	Max Flow(m3/h)	Max pressure	Design Temp	Pipe Size	Material
S404-304-G25	10	10bar	80°C	1"	304/316
S401-304-G50	20	10bar	80°C	2"	304/316/CS
S402-304-G50	45	10bar	80°C	2"	304/316/CS

Please send us the specification detail by email for quote, thanks.



## TOP-IN BAG FILTER HOUSING

The top-in bag filter housing adopts patent ring structure and relevant fittings. Their advantages are as follows:

- For filter bags sizes 01, 02 and 04.
- 01 Size - 20,000 lt per hour flow for Nominal rated bags.
- 02 Size - 40,000 lt per hour flow for Nominal rated bags.
- 04 Size - 10,000 lt per hour flow for Nominal rated bags.
- The sealed result is satisfactory, no side leaking.
- Effective filtering area is rather big, achieving more efficient filtering result.
- It is more convenient and swift to change the filter bag, thus to lower operating cost.
- The rational structure makes filtering more steadily and the result more reliable.
- The adjustable height makes the filter applicable to different occasions.
- Humanized design makes the filters most suitable for you.



Model	Max Flow(m3/h)	Max pressure	Design Temp	Pipe Size	Material
ST404-304-G25	10	10bar	80°C	1"	304/316
ST401-304-G50	20	10bar	80°C	2"	304/316/CS
ST402-304-G50	45	10bar	80°C	2"	304/316/CS

Please send us the specification detail by email for quote, thanks.

## MULTI BAG FILTER HOUSING

### Multi Bag Filter Housing

Eye Bolt Closure System is friendly for the user, our cost effective multi bag filter housing can be used for high volume, multiple applications and processes :

- The bag filter housing is designed with a proven swing eye-bolt or segment clamp closure mechanism.
- Positive O-ring sealing offers easy and safe operation.
- We can provide almost all kinds of multi-bag filters available, from double-bag type to 24-bag type, complete in specifications.
- the flanges of the link outlet-inlet from 3"to18".
- the Max.flow of single unit are from 90 cubic m./h to 1,080 cubic m./h.
- Available in carbon steel or Type 304 or 316 stainless steel for high corrosion resistance.
- If you buy our multi-bag filters, you can wait for a long time to change the used bags.



Model	Max Flow(m3/h-gpm)	Max pressure	Design Temp	Pipe Size	Material
M402-G80	90(400)	10bar	80°C	3-4"	304/316/CS
M403-G80	135(600)	10bar	80°C	3-4"	304/316/CS
M404-G100	180(800)	10bar	80°C	3-6"	304/316/CS
M405-G100	225(1000)	10bar	80°C	3-6"	304/316/CS
M406-G150	270(1200)	10bar	80°C	3-8"	304/316/CS
M408-G200	360(1600)	10bar	80°C	4-8"	304/316/CS
M4010-G250	450(2000)	10bar	80°C	6-8"	304/316/CS
M4012-G250	540(2400)	10bar	80°C	6-10"	304/316/CS
M4014-G250	630(2800)	10bar	80°C	8-10"	304/316/CS
M4016-G250	720(3200)	10bar	80°C	8-12"	304/316/CS
M4018-G250	810(3600)	10bar	80°C	10-14"	304/316/CS
M4020-G300	900(4000)	10bar	80°C	10-16"	304/316/CS
M4022-G350	990(4400)	10bar	80°C	12-18"	304/316/CS
M4024-G350	1080(4800)	10bar	80°C	14-18"	304/316/CS

Please send us the specification detail by email for quote, thanks.

## QUICK LOCK MULTI BAG FILTER HOUSING

Quick Lock Multi bag filter housing (Qic lock opening cover with Spring Assist Hinge)

The QLM vessel defines the sitate of the art for multi-bag vessels. The operator's safely and ease of bag change out were considered paramount in its design. A low profile design means the top of the bag is at about waist height for most operators--thus providing a more ergonomic position for lifting dirty bags out of the vessel.

The QLM unlque quick opening spindle closure mechanism provides for a 20 second opening--without tools. The integral vent valve mechanism protects the operator by preventing the opening of the vessel without first venting the pressure.

Finally, the spring assisted hinge makes lifting the lid easy and safe. All vessels are constructed of 304/316 stainless steel. The vessel is pressure rated to 150psi.



Model	Max Flow(m <sup>3</sup> /h-gpm)	Max pressure	Design Temp	Pipe Size	Material
MQ404-G80	180(800)	10bar	80°C	3-6"	304/316/CS
MQ405-G100	225(1000)	10bar	80°C	3-6"	304/316/CS
MQ406-G150	270(1200)	10bar	80°C	3-8"	304/316/CS
MQ408-G200	360(1600)	10bar	80°C	4-8"	304/316/CS
MQ4010-G250	450(2000)	10bar	80°C	6-8"	304/316/CS

Please send us the specification detail by email for quote, thanks.



## PLASTIC BAG FILTER HOUSING

Plastic bag filter housing is a filtration system which is produce with 100% PP (polypropylene ), taking advantages of excellent PP material, can be used for filtering a lot of chemical sour soda liquids. It is really an economical and practical fine product, as it has no seam, no dead angle, accurate specification with high-quality, high capacity and efficiency.

---The inner-side is very smooth, no ditch, no dead angle, easy to wash.

---P- handle on the cover helps to open the top cover and change materials.

---2"-4" FLANGE Inlet and Outlet.

---The bag has a grip respectively, very convenient to change, safe and clean.

---Working pressure can reach 7kg/cm2 (design pressure 15kg/cm2), operate temperature can be up to 43 °C / 110F (material able to bear 83°C ).

---Please operate in accordance with the condition of standardizing , make sure not to exceed pressure limit or temperature limit.



PP Bag Filter Housing



Model	Max Flow(m3/h)	Max pressure	Max Temp	Pipe Size	Material
S405-PP	23	6bar	80°C	2"	PP
S402-PP	40	6bar	60°C	2"	PP
S402-UPVC	40	6bar	60°C	2"	UPVC

Please send us the specification detail by email for quote, thanks.



## PP/PE FILTER BAG

Inside the bag filtration system, the filter bag is supported by an inside metal basket. The incoming fluid is to flow out after filtered by the bag, thus the impurity is intercepted in the filter bag. You can continue to use the filter system after changing the filter bag. It is a trend for the bag filter to replace partly the cartridge filter. The small filter bag can filter large amount of liquid. The filter bag is key to filtering. According to the result of research from a famous company, for over 10 years, filter bags have been a critical component of filtration systems worldwide.

These felt filter bags have sewn construction and a glazed finish. Polyester felt bags are general-purpose media bags manufactured with a single layer of felt media. Heavy duty polyester felt bags filter heavy metallic particles and extremely viscous liquids such as tar without tearing. Interwoven polyester mesh provides extra strength to hold heavy particles. Nomex felt bags are for use in high temperature applications in the harshest environments.



Filter Bag Size	Trade Size	Max Flow(gpm)	Micron	Craft
4"x8"	3	25	0.5, 1, 5, 10, 25, 50, 100, 200-600	Sewn/Welded
4"x14"	4	50	0.5, 1, 5, 10, 25, 50, 100, 200-600	Sewn/Welded
7"x17"	1	100	0.5, 1, 5, 10, 25, 50, 100, 200-600	Sewn/Welded
7"x32"	2	220	0.5, 1, 5, 10, 25, 50, 100, 200-600	Sewn/Welded
6"x22"	5	100	0.5, 1, 5, 10, 25, 50, 100, 200-600	Sewn/Welded

If your filter bag is different from our filter bag, please send us your drawing size and the material which you need, we also produce the nonstandard filter bag.

Please send us the specification detail by email for quote, thanks.





## NYLON FILTER BAG

### NYLON MONOFILAMENT MESH

Also operating on the principle of surface filtration, monofilament mesh filter bags are manufactured from mesh materials in which each strand is a single filament. The non-deformable filaments are woven in a specific, consistent pattern and fusion welded for extra strength. Monofilament meshes are structurally very strong and are available in nylon (STANDARD).



Filter Bag Size	Trade Size	Max Flow(m <sup>3</sup> /h-gpm)	Micron	Craft
4"x8"	3	5(25)	25,50,100,200-600	Sewn
4"x14"	4	10(50)	25,50,100,200-600	Sewn
7"x17"	1	20(100)	25,50,100,200-600	Sewn
7"x32"	2	40(220)	25,50,100,200-600	Sewn
6"x22"	5	20(100)	25,50,100,200-600	Sewn

If your filter bag is different from our filter bag, please send us your drawing size and the material which you need, we also produce the nonstandard filter bag.

Please send us the specification detail by email for quote, thanks.





## OIL ABSORBING FILTER BAG

We offer a new cost effective filter bag for absolute filtration applications. This new revolutionary high capacity oil absorbing filter bag is uniquely designed to produce one of the highest capacity oil absorbing filter bags in the industry. The different layers of micro-fibers not only retain oil, but increase overall efficiency to 95% or greater on microns ranging from 5 to 100. This bag also designed to fit into any standard size 1 or size 2 liquid housing and is available in our 7 in. steel or stainless steel ring and our 7 in. plastic flange which creates a more positive seal and is 100% recyclable..



### Oil Absorbing Filter Bag

Our new OA bag is made from 100% pure polypropylene micro-fibers combined with other proprietary oil retaining fibers. The overall construction of this bag has 30 plus square foot of media and can retain 10.7 or more of oil depending on the micron.

Filter Bag Size	Trade Size	Max Flow(m3/h-gpm)	Micron	Craft
4"x8"	3	5(25)	25,50,100,200-600	Sewn
4"x14"	4	10(50)	25,50,100,200-600	Sewn
7"x17"	1	20(100)	25,50,100,200-600	Sewn
7"x32"	2	40(220)	25,50,100,200-600	Sewn
6"x22"	5	20(100)	25,50,100,200-600	Sewn

Please send us the specification detail by email for quote, thanks.



## DUST COLLECTOR FILTER BAG



Because each dust catcher has its own characteristics and the system parameters so choose a suitable gas filter material must understand the following parameters: temperature, Humid degrees, Dust diameter, Gas Chemical Properties, Abrasive dust, dust catcher mechanical Solid. As cleaning manner, the condition of install, ect. In general, our dust filter bag will be used industrial emissions, filter dust, usefull dust, High-temperature gas dust and other dust filtration equipment..

Appropriate use of media, not only the need to consider filter chemical properties, also take into account the characteristics of dust. We can choose filter media by different physical and chemical methods of treatment according to the dust characteristics, To achieve the most effective filtration.

## POCKET FILTER



Pocket filters are used as prefilters or main filters in room air conditioning systems, depending on the filter type, to extract coarse and fine dust.

- \* The stable plastic front frame ensures easy disposal .
- \* This filter is available in the widest variety of standard market sizes.

Please send us the specification detail by email for quote, thanks.



## FILTER CARTRIDGE

### PP Melt Blown Filter Cartridge

Specification:

Material: PP (polypropylene)

Pore size: 1um, 3um, 5um, 10um, 20um, 30um, 50um

Length: 10inch, 20inch, 30inch, 40inch

Outer diameter: 60-115 mm

Inner diameter: 28, 30 mm

Remark: Customization is available upon request.

Application:

1. Electronic, power industries: Pure water, gas, electroplating liquid, presswork etc
2. Chemical & petrochemical industries: Solvent, paint, magnetism paint, detergent, liquid wax etc
3. Medicine & pharmaceutical: Hospital water, injection and oral liquid
4. Food industry: Food, drink, drinking water, alcohol etc.

### PP string wound filter cartridge

Specification:

Material: PP (polypropylene)

Pore size: 1um, 3um, 5um, 10um, 20um, 30um, 50um

Length: 5", 10", 20", 30", 40", 50", 60"

Outer diameter: 60-115 mm

Inner diameter: 28, 30 mm

Remark: Customization is available upon request.



Please send us the specification detail by email for quote, thanks.

## AUTOMATIC BACK WASH FILTER HOUSING



Automatic Back-washing Filter is a new generation self-cleaning filtration system independently. It is integrated with a number of slotted filter elements. When the filter elements are clogged, a specially designed back-flushing arm will clean the elements one by one. As the high-end self-cleaning filter, it is especially designed for customers who take good quality and high reliability into consideration firstly. The Back washing filter consists of world-class top quality crucial parts, such as filter element, gear motor, control system, etc..

The back washing process setting:

\* Setting the pressure difference: There is a differential pressure gauge in the filter system, you can set the valve by yourself.

\* Setting the time: There is a Time setting device in the filter system, you can set the start time of back washing and the time of duration.

If you set the pressure difference and also the time, the setting pressure difference will have priority.

\* Manual operation: when you are debugging and maintaining the filter system, you can press the "TEST" button, and start the back washing process.

Automatic back washing filter housing standard performance:

Min. working pressure: 2 bar (30 psi)

Max. working pressure: 7 bar (100 psi)

Pressure drop: 0.1bar (2 psi)

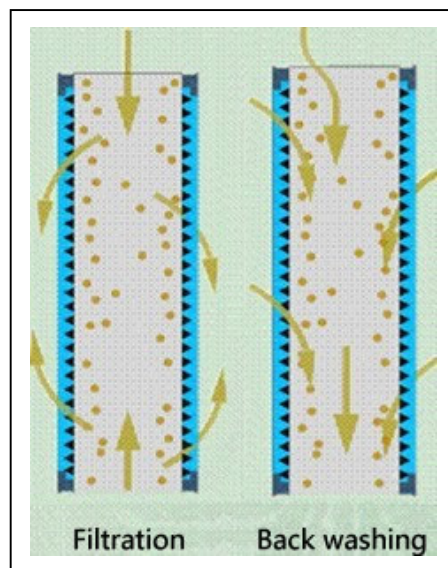
Working Temp.: 65° C (149° F)

Micron rate: 25-3000 micron

Control voltage: 24V DC

Washing consumption(in the Min. working pressure condition): 50kg

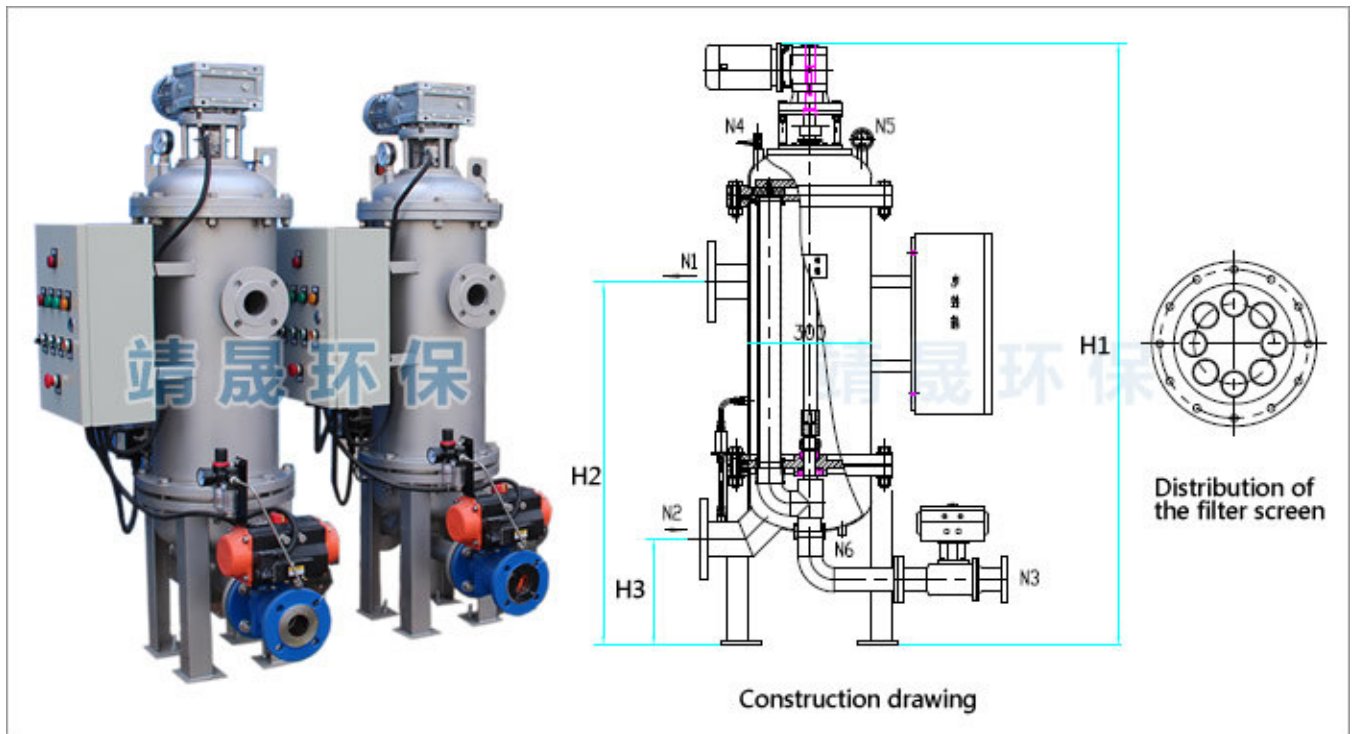
Housing material: Carbon steel (spraying), 304SS/316SS(Blasting)



Please send us the specification detail by email for quote, thanks.

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Applicable industries: Water treatment, steel, pulp and paper, mining, petro-chemical, machining, municipal, irrigation etc.

Typical applicable liquids: Groundwater, seawater, lake, reservoir water, pond water, cooling water circulation, frozen water, high and low voltage gush to drench water, squirt water, heat water, seal water, bearing cooling water, oil wells note water, process of circulating water, machining coolant, cleaning agents, cleaning water, etc.

Filtration function: Remove large particles, purify liquids, protect critical equipment

Model	A	B	C	D	I/O(mm)	Drain(mm)	Max flow(m3/h)
BW300	1690	265	640	300	DN50、80	DN50	70
BW350	1720	265	660	350	DN80、100	DN50	100
BW400	1750	255	680	400	DN100、150	DN50	130
BW500	1860	290	715	500	DN200	DN80	200
BW600	1910	270	755	600	DN250	DN80	280
BW700	2040	335	755	700	DN300	DN100	450
BW800	2090	320	770	800	DN350	DN100	600
BW1000	2220	335	800	1000	DN400	DN100	800
BW1200	2360	365	825	1200	DN500	DN100	1000

Please send us the specification detail by email for quote, thanks.





## BASKET STRAINER

Basket strainer is the necessary equipment on the pipeline, as the safe-guard filter, removes large contaminant particles and protect key equipments such as pumps, nozzles, heat exchangers and valves. It can obviously extend the service life of key equipments, improve operational efficiency and avoid the risk of costly system downtime. SF filter also works well as the direct large particle filter. The metal filter basket is reusable by cleaning and cost less filter media consumption.



Inlet/outlet	Dia(mm)	H1(mm)	H(mm)	L(mm)	filter rate( m2 )
DN40	Φ108	300	170	260	0.03
DN50	Φ108	300	170	260	0.03
DN65	Φ133	360	175	330	0.05
DN80	Φ159	400	215	340	0.06
DN100	Φ219	470	272	400	0.10
DN125	Φ273	550	345	480	0.18
DN150	Φ273	630	405	500	0.30
DN200	Φ325	780	445	560	0.40
DN250	Φ426	930	495	660	0.50
DN300	Φ478	1200	565	750	0.70
DN400	Φ529	1500	720	920	0.80

Housing Material: 304,316L,Carbon steel

Design pressure: 0.6-2.0Mpa




Please send us the specification detail by email for quote, thanks.






PRODUCT PICTURES

<p>上海靖晟环保设备有限公司 订购电话：021-51078616</p>  <p>WWW.SH-JCEE.COM</p> <p>不锈钢袋式过滤器</p> <p><a href="http://www.sh-jcee.com">www.sh-jcee.com</a></p>	<p>上海靖晟环保设备有限公司 订购电话：021-51078616</p>  <p>WWW.SH-JCEE.COM</p> <p>单袋式过滤器</p> <p><a href="http://www.sh-jcee.com">www.sh-jcee.com</a></p>	<p>上海靖晟环保设备有限公司 订购电话：021-51078616</p>  <p>WWW.SH-JCEE.COM</p> <p>小型袋式过滤器</p> <p><a href="http://www.sh-jcee.com">www.sh-jcee.com</a></p>
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