

**TO BE
THE BEST
FILTERING SYSTEM
IN CHINA!**

Filit®
filter for world



CONTRACT

E-mail: 8888@filit.com
QQ: 3258105848
Zip Code: 243000
Address: No.500 Yanghu Road, Maanshan, Anhui Province, China

FLT Filtering System Co., Ltd.
Sales: +86 0555-8323133 8323115
Fax: +86 0555-8323115



Filit®
filter for world

**WATER
TREATMENT**

FLT Filtering System Co., Ltd.

ABOUT US

THE COMPANY PROFILE



An Hui FILIT Filtration System Co., Ltd., formerly known as Anhui Filit Fluid Equipment Manufacturing Co., Ltd., was established in December 2003 with a registered capital of 12 million yuan. FILIT is recognized as a modern high-tech enterprise by Anhui provincial government. The business covers filtration product R & D, manufacturer and after sales service. The total area of the factory is about 4.1 ha and the total assets are nearly 100 million RMB.

As a manufacturer specializing in the production of water filtration systems, and also a unit in the water treatment industry, FILIT has got financial support from the national industrial treasury program. FILIT has 150 employees, holds 3 national invention patents, and 29 national utility model patents, 7 national high-tech products patents, and 1 key new product patent in Anhui Province. It is the leading enterprise in the industry in China and the only drafting unit of national industry standards for shallow media filters.

In the recent years, FILIT has got support from the National Science and Technology SME Innovation Fund, the National Torch Program Fund, and the Anhui High-Tech Industrialization Fund. Meanwhile, FILIT was awarded with "famous trademarks in Anhui Province", Anhui province "specialized, refined, special, new enterprise", Maanshan city "specialized, refined, special, new enterprise", Maanshan city "innovative pilot enterprise", Maanshan city "civilized and honest private enterprise" and many other honor titles.

The company's products mainly include: sand filter, self-cleaning filter, hydraulic drive filter, shallow layer filter, medium and high speed filter, widely used in agricultural irrigation, fertigation, metallurgy, petroleum, chemical, coal chemical, pharmaceutical, food, municipal, desalination and other industries. After development in recent years, the company has established strategic cooperation with national grade engineering companies in the area of metallurgical and petrochemical industries. The winning rate for open tender project is as high as 70 ~ 80%. It has also passed the assessment of Netafim in Israel, the world's largest agricultural irrigation company, and has become its supplier. FILIT is also sole partner of BACCARA solenoid valve in China. The company aims to share 50% of the filtration system for agricultural irrigation market in China and make annual sales over 300 million RMB in 5 years.

Filit

TO BE THE BEST FILTERING SYSTEM IN CHINA!

FILIT HONOR COMPANY'S CERTIFICATE



EXHIBITION SCENE

China International Agricultural Irrigation Exhibition



WEFTEC Exhibition



Aquatech China



CATALOG

MEDIA FILTERS 01

AUTOMATIC DISC FILTER 02

HYDROCYCLON SAND SEPARATOR 03

MANUAL CLEAN SCREEN FILTER 04

HYDRAULIC AUTOMATIC CLEAN SCREEN FILTER 05

SELF-CLEANING FILTER 06

FERTILIZER TANK 07

FERTILIZER TANK 08

WHALE 100-180m³/h SAND MEDIE FILTER



BACCARA controller



Industry standard
150um(painting thickness)



SAND MEDIE FILTER

The sand filter uses a certain thickness of sand to remove organic and inorganic solid suspended solids in the raw water. The product structure is simple, the technology is mature and widely used in many application areas.

The Whale series sand filter system can be composed of one or more standard high-speed filter units which have a variety of standard series from 24 "(600mm) to 48" (1200mm) tank size.

The suspended material can be filtered through the internal water distributor, filter layer and water collector so as to reduce the turbidity degree of the raw water.

The Whale Filter can be used as an independent filtering system or a by-pass filtering system. If multiple processing units are installed on a common pipeline, this can infinitely expand the filtering capacity of the system.

EXPORTED
WORLDWIDE



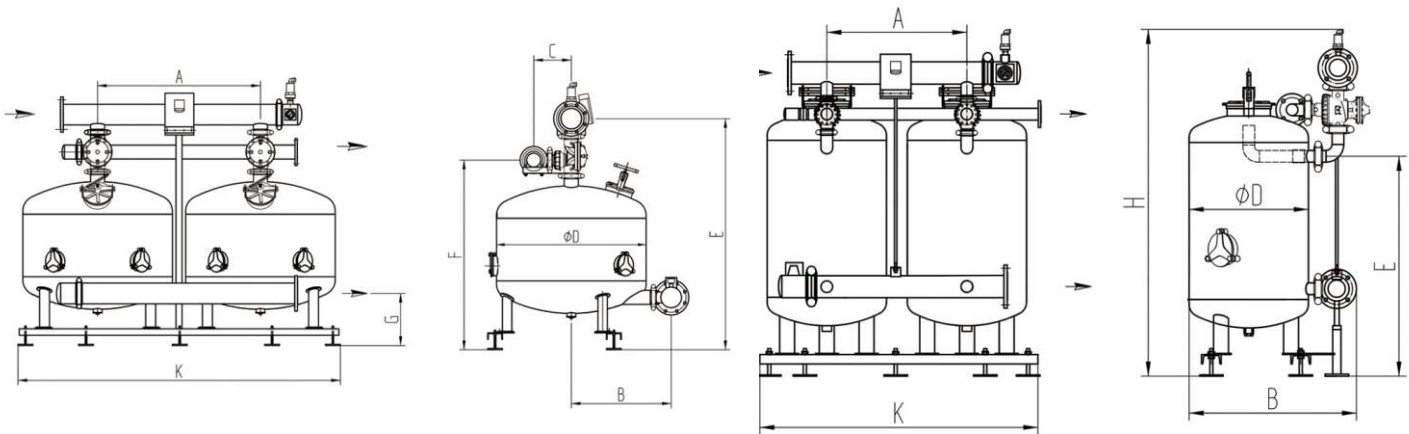
THE STRUCTURE AND
FEATURES OF FILTRATION UNITS

- ✔ Easy-entry lid closure makes opening and closing faster, convenient and safe.
- ✔ Socket filter mushroom with simple structure and high strength makes a easy installation and reliable quality.
- ✔ Uniformly water distribution takes a full coverage backwash.
- ✔ The filter tank is completed by the fully automatic welding production line to ensure the quality. The tank withstands higher pressures.
- ✔ The inside & outside of the filter tank as well as the pipeline adopt the electrostatic powder non-spraying process; it is resistant to sewage erosion and ultraviolet radiation, which can meets outdoor installation requirements.
- ✔ Optimized design with good look appearance.

FEATURES OF FILTER

- ✔ Standardization, module design
- ✔ Endogenous water for backwash makes more efficient
- ✔ Multi flush control : Time, DP and Manual
- ✔ Easy installation and flexible combination

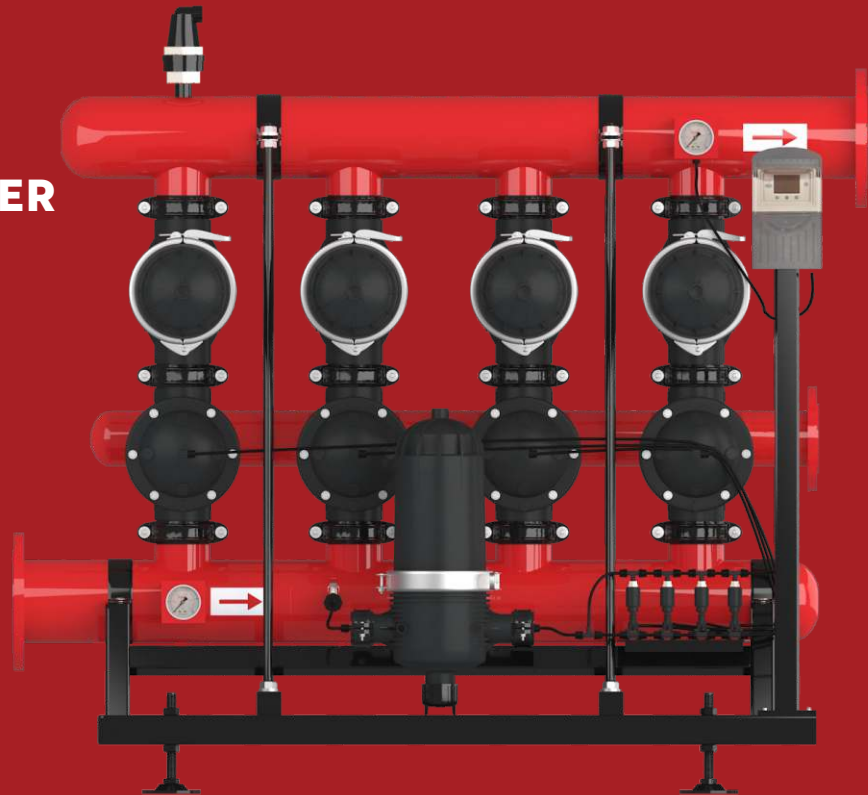
Model	Quantity of Tanks	Standard Flow Range		Filtration Area (m ²)	Backwash Flow Rate (m ³ /h)	Media Weight (kg) Sea sand 1-2mm	Max Pressure (Mpa)	Inlet/Outlet Pipe	Drain Pipe	Weight (kg)
		Minimum	Maximum							
		(m ³ /h)	(m ³ /h)							
FSL24-2	2	30	50	0.58	20	500	1.0	3"	3"	216
FSL36-2	2	60	100	1.31	45	920	0.8	4"	3"	400
FSL48-2	2	100	180	2.32	80	1600	0.6	6"	4"	650
FSL48-3	3	150	270	3.48	80	2400	0.6	6"	4"	975
FSL48-4	4	200	360	4.65	80	3200	0.6	8"	4"	1300
FSL48-5	5	250	450	5.81	80	4000	0.6	8"	4"	1760



Size Data						
Model	D (mm)	B (mm)	B (mm)	E (mm)	K (mm)	H (mm)
FSL24-2	600	700	840	1080	1540	1770

Size Data								
Model	D (mm)	A (mm)	B (mm)	C (mm)	E (mm)	F (mm)	G (mm)	K (mm)
FSL36-2	900	1100	627	289	1579	1376	370	2150
FSL40-2	1000	1200	703	289	1645	1416	370	2320
FSL48-2	1200	1320	803	291	1755	1486	400	2650

SEA LIONS
AUTOMATIC DISC FILTER
Stack filter



AUTOMATIC DISC FILTER

The filter element of Sea Lions series is composed of a set of discs with grooves on both sides. The intersections formed by the edges of the grooves can trap the suspended particles in water. With the function of surface interception and deep agglomeration at the same time, the filtering effect is greatly improved.

The Sea lion series automatic disc filter has advantage of high efficiency backwash, fully automatic continuous operation, low self-consumption water, small footprint, and reliable operation.

The backwash process of the filter system works alternately, with the automatically switch between the backwash and working states, the system can ensure continuous water discharge and small system pressure loss.

The modular design of the Sealions series disc filter enable a wide range of combinations of filter units to meet the needs of different applications. The DP and Time control system makes the backwash control easily.

FEATURES OF FILTER PERFORMANCE

The latest Disc mold
Reinforced Nylon makes a better backwash and anti-blockin

Using multiple patented technologies, more efficient, water-saving, land-saving and less daily maintenance in installation and use.

The split-assembled skeleton can flexibly adjust the height of the filter element according to the design requirements to adjust the filtering area and meet different system supporting requirements.

The filter unit uses a self-locking buckle with a specially designed sealing ring instead of common used metal clamp , which makes the filter units' installation and dismantlement more easy as well as better seal.

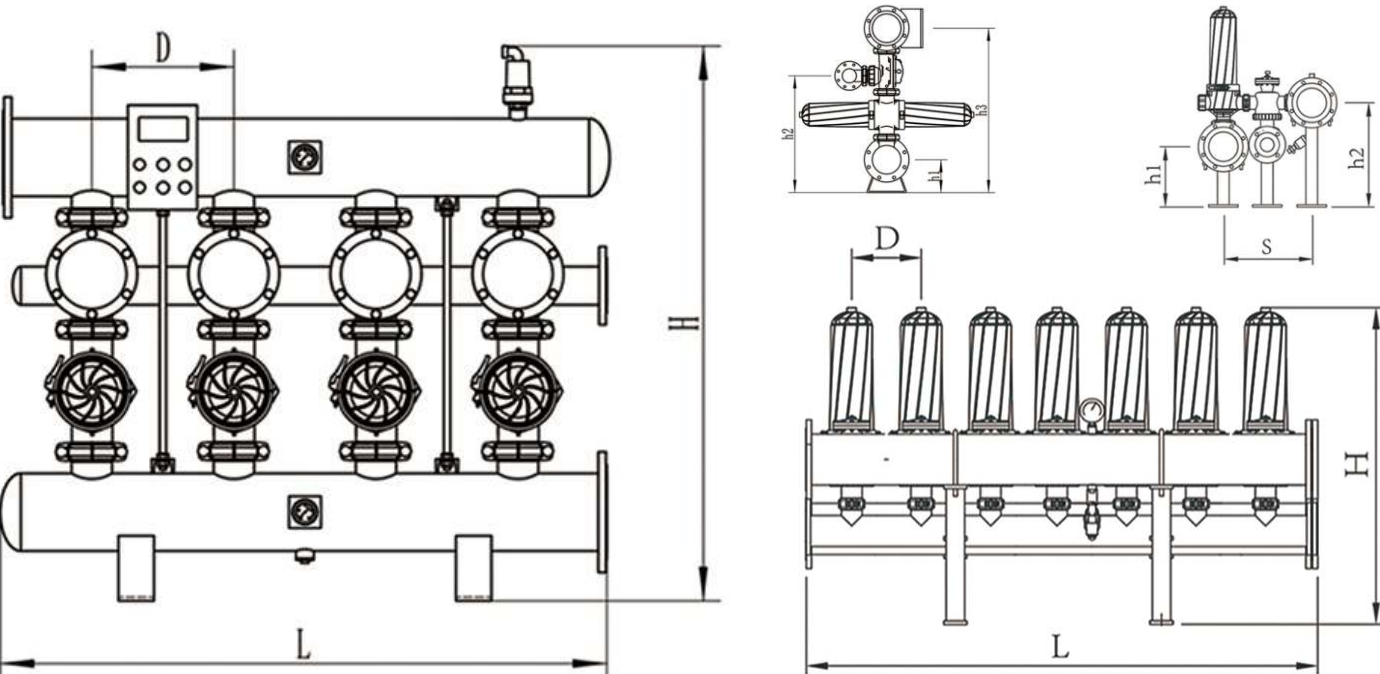
Each unit is equipped with a filter and backwash status indicating device as well as an automatic air intake and exhaust device, which can prevent the water hammer and improve the backwash .



	Good Water			General Water			Poor Water			Pipe Selection		Dimension
Filtration Rate	200μm	130μm	50μm	200μm	130μm	50μm	200μm	130μm	50μm	Inlet/Outlet	Drain Pipe	
	Flow Rate (m³/h)			Flow Rate (m³/h)			Flow Rate (m³/h)					
FDP2-2	50	40	28	38	30	22	27	20	15	DN80	DN50	750X830X950
FDP2-3	75	60	42	57	45	33	40	30	22	DN80	DN50	1050X830X950
FDP3-2	74	60	40	56	44	32	40	30	22	DN100	DN80	865X1030X950
FDP3-3	110	90	60	84	66	48	60	45	33	DN100	DN80	1165X1030X950
FDP3-4	148	120	80	112	88	64	80	60	44	DN150	DN80	1465X1030X950
FDP3-5	185	150	100	140	110	80	100	75	55	DN150	DN80	1765X1030X950
FDP4-3	222	180	120	168	132	96	120	90	66	DN150	DN100	1300X1350X1550
FDP4-4	296	240	160	224	176	128	160	120	88	DN200	DN100	1700X1350X1550

Notice: all the parameters are used for recommendation

Size Data							
Model	D (mm)	H (mm)	L (mm)	S (mm)	h1 (mm)	h2 (mm)	h3 (mm)
FDP2-2	300	865	700	522	350	620	/
FDP2-3	300	865	1000	547	350	620	/
FDP3-2	300	1160	760	600	370	668	/
FDP3-3	300	1160	1000	600	370	668	/
FDP3-4	300	1210	1300	600	370	668	/
FDP3-5	300	1210	1600	600	370	668	/
FDP4-3	400	1450	1300	/	220	840	1169
FDP4-4	400	1560	1700	/	250	890	1115



4 inch HYDROCYCLONE FILTER with Double Manual Screen Filter

+ MESH FILTERS SOLD BY WEIGHT
Pricing by weight

HYDROCYCLONE FILTER

The FLX Series Hydrocyclone filter is suitable for irrigation for various crops such as vegetables, fruit trees, greenhouses, flowers, tea gardens, green fields etc. It is an indispensable irrigation product for the transformation from traditional agriculture to modern agriculture.

The FLX series hydrocyclone filter uses the centrifugal force generated by the high-speed rotating water flow to separate sand particles and other heavier impurities from the water.

It is a simple device, easy to operate and maintain since there is no filter screen and no removable parts.



INDUSTRIAL STANDARDS

Industrial Surface Standard | Electrostatic Spraying Process | 150um Painting Thickness

The standard range of FLX series hydrocyclone units is from 2"to 6"; Non-standard series can also be provided according to customer requirements.

For sand larger than 75 μm, the separation rate is around 98%. The filter cannot separate all impurities in the water y. For higher water quality requirements, it is better to use hydrocyclone filter with other type of filters accordingly.



AUTOMATIC

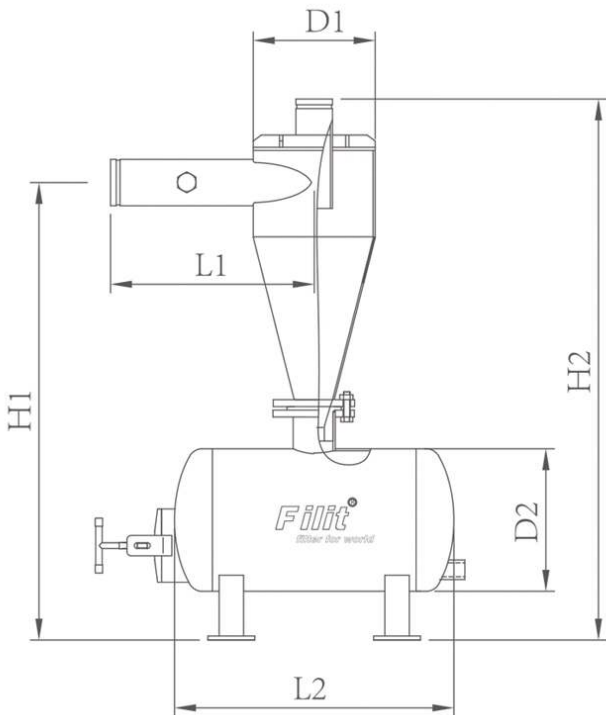
APPLICATION AREA

- ✓ Primary filtration for micro irrigation system
- ✓ Primary filtration for groundwater and surface water with large sand content

PERFORMANCE HIGHLIGHT

- 01 Carbon Steel for longer service time
- 02 The sand tank is equipped with a quick-opening hand hole cover to make opening and closing quickly and conveniently.
- 03 The filter is completed by the automatic welding line to ensure the quality and reliability which means a higher pressure.
- 04 The powder coating inside&outside of tank as well as the pipe all adopts the electrostatic spraying process.
- 05 Better resistant to sewage erosion and uv radiation can meet the outdoor installation requirements.
- 06 Optimized structural design, excellent separation effect
Good look appearance

Model	Standard Flow Range		Bayonet/Flange	Volume (L)	Inlet/Outlet Size	Weight (kg)
	Minimum	Maximum				
	(m³/h)	(m³/h)				
FLX4	52	80	Connection	20	4"	73
FLX6	120	160	Connection	20	6"	118



Size Data						
Model	D (mm)	B (mm)	B (mm)	E (mm)	K (mm)	H (mm)
FLX4	325	325	600	820	1420	1660
FLX6	426	426	605	1140	1600	1905

MANUAL CLEAN SCREEN FILTER

Manual screen filters are the most effective filters in treating inorganic impurities of water. When water flows through the filter, the impurities that larger than the filter mesh will be intercepted. As the impurities adhered to the filter continue to increase, the pressure difference before and after the filter will be bigger and bigger. If the pressure difference is too bigger, the pressured expansion of the mesh will cause some impurities to squeeze the filter into the irrigation system and even cause the filter to rupture. Therefore, appropriate management measures must be taken to ensure that the pressure difference before and after the filter is maintained within the allowed range. Only through strict selection and operation under normal conditions can the net filter achieve the purpose of cost-effectiveness.

During filtering , the impurities are intercepted on the outside of the filter screen. When the filter begins flush, the drain valve at the flushing port will be opened, and the high-speed water flow quickly flushes the filtered impurities out of the filter.

Manual screen filter uses the pores formed by the screen to trap impurities such as mud, sand and suspended matter in the raw water. Due to the scientific distribution of the filter screen, it can achieve a good retention effect on impurities as well as improving the quality of the effluent

Carbon Steel ▶



STRUCTURE

- ✓ The filter body was made of carbon steel or stainless steel (304、316L), the filter screen are made of stainless steel, nylon and etc. The product has features of complete range of mesh , easy installation and cleaning , and maintenance-free.
- ✓ Quick opening structure has features of easy to clean and easy screen replacement.
- ✓ Filtration accuracy: 80μm 100μm 120μm 150μm
- ✓ Model: L type and Y type. Size: 2"、3"、4"

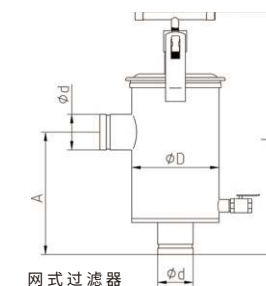
NOTICE

1. After a certain amount of dirt accumulates on the filter screen, the pressure between the filter inlet and outlet will increase sharply. When the pressure exceeds 0.07MPa, it must be flushed .
- 2.the water inlet and outlet must be selected according to the filter element direction.
- 3.If there are some damages on the filter elements and sealing rings, please replace it in time.
4. Water must be drained out to avoid the frost crack.

SPECIFICATION

Model	Quantity	Max Flow	Filtration Area (cm ²)	Mech Filter	Max Pressure (Mpa)	ΦD (mm)	L (mm)	A (mm)	Φd (mm)	Bayonet	Inlet/Outlet Size	Wash Port
		(m ³ /h)		Grid (mesh)								
FWL3	1	45	350	130	0.7	219	610	310	89	卡口	3"	3/4"
FWL4	1	60	470	130	0.7	219	725	430	114	卡口	4"	3/4"

Model	Inlet/Outlet Size	Flow Rate(m ³ /h)	Centrifugal Type	Centrifugal Type—Quantity
FLX4+FWL4-2	4"	50-80	FLX4	FWL4-2



网式过滤器

The sand separator and screen filter combined filtration system for drip irrigation is mainly used for two-stage filtration of well water to separate sand particles.

In order to ensure the normal operation of the entire drip irrigation system, please choose a special fertilizer for drip irrigation. Each filter recommended with fertilizer tank



QUALITY

Carbon Steel 4mm thickness /165 kg

AUTOMATIC

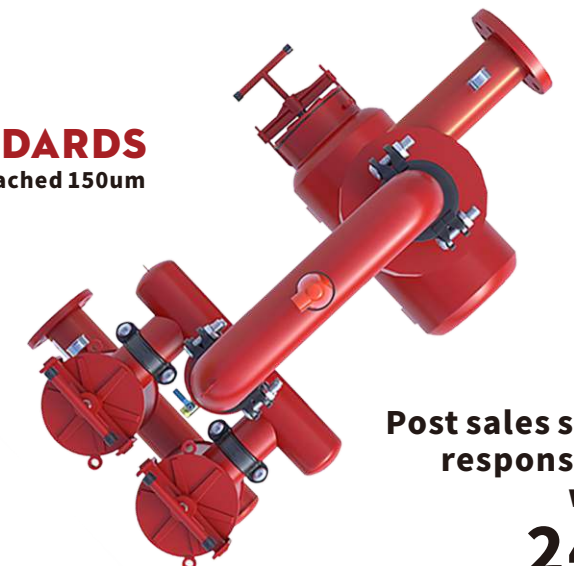
Adopt automatic robot welding, the weld quality is more stable

INDUSTRIAL STANDARDS

Electrostatic spraying process painting thickness reached 150um

INTERNATIONAL STANDARD

Modular design makes each part more flexible



Post sales service
response time
within
24h.

AUTOMATIC SELF-CLEANING SCREEN FILTERS

The Dolphin series hydraulic cleaning filter is an type of self cleaning filter with no energy consumption. The filter contains a Hydraulically operated collector with suction nozzles to ensure continuous operation. The filter is widely used in agricultural irrigation, metallurgical industry, petrochemical industry, municipal engineering and other water treatment projects.

With the advantages of simple structure, convenient maintenance and long service life, it becomes an environmental-friendly water treatment equipment.

FEATURES OF PERFORMANCE

- ✓ Easy to combine with other filters
- ✓ Minimal water use for cleaning, about 1% of the total filtration water needed only and without flow cutoff.
- ✓ Simply structure with convenient installation and maintenance
- ✓ The filter suitable for the area without electricity. The installation of the filter does not need special base, the cement pavement is possible.
- ✓ The filtration working pressure should be slightly higher than 0.25MPa . Otherwise, the water filtration quality through backwash will not so good as required .
- ✓ New controller and latching solenoid powered by 9V alkaline battery can support the filter operation more than half year.

FEATURES OF STRUCTURE

Model: M / L / V type
Control: Electronic & hydraulic
Single filter flow: 25-380 m³/h
Inlet& Outlet diameter: DN50-DN250
Internal and External anti-corrosion: Electrostatic spraying (outdoor)
Maximum working pressure: 8 bar
Filtering accuracy: 120μm/200μm
Control ways: DP TIME MANUAL
Housing material: Carbon steel , Stainless Steel
Strainer: 304L+PVC



DOLPHIN

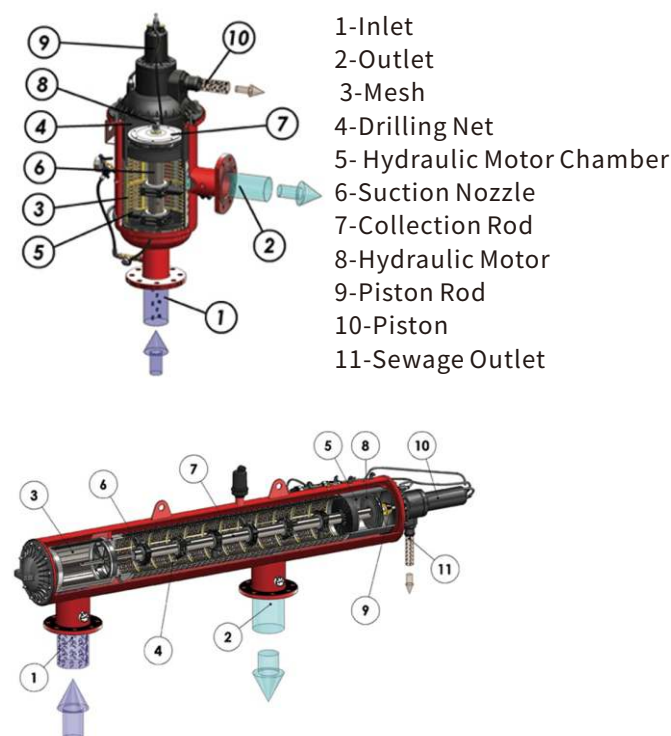
The cheapest hydraulic automatic cleaning screen filters



BACCCARA Backwash controller and solenoid
Powered by 9v,
bring the controller a
longer lifetime and stability

WORKING PRINCIPLE

Water enter the filter from the inlet, pass through the coarse screen to clean big particles and then enter fine screen to clean small particles. The dirt accumulated creates a pressure differential across the screen. Once the preset pressure differential value is reached, the pressure switch gauge will activate the self- cleaning process. The cleaning can be controlled by DP, TIME and MANUAL .



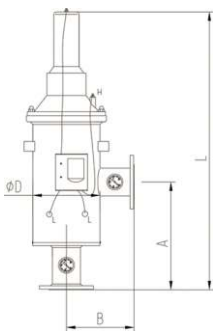
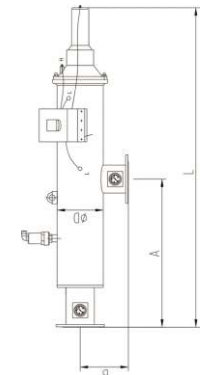
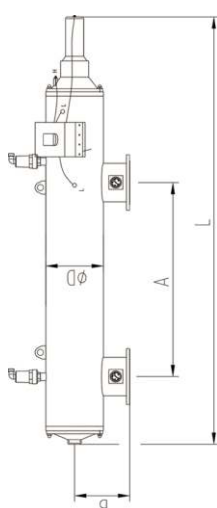
APPLICABLE FIELDS

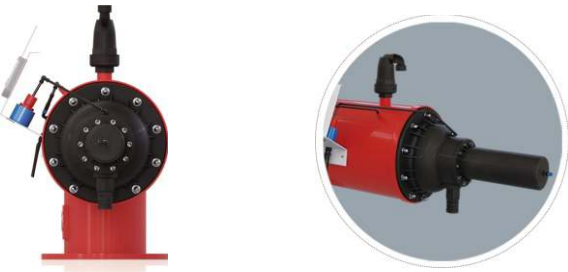
Model	Technical Parameters										Material	
	Processing Capacity (m ³ /h)	Inlet/Outlet Size	Filtration Area (cm ²)	Weight (kg)	Max Working Pressure (bar)	Min Working Pressure (bar)	Controller DP Switch Solenoid	Filtration Accuracy (μm)	Working Temperature (°C)	Connection	Tank	Screen
FSNV2E	25	2"	1317	31	8	2.5	BACCARA	120/200	0~60	Flange	Carbon Steel	SS304
FSNV3E-A	40	3"	1317	35	8	2.5	BACCARA	120/200	0~60	Flange	Carbon Steel	SS304
FSNV3E-B	50	3"	1975	40	8	2.5	BACCARA	120/200	0~60	Flange	Carbon Steel	SS304
FSNV4E	70	4"	1975	45	8	2.5	BACCARA	120/200	0~60	Flange	Carbon Steel	SS304
FSNL4E-A	80	4"	2634	60	8	2.5	BACCARA	120/200	0~60	Flange	Carbon Steel	SS304
FSNL4E-B	100	4"	3951	65	8	2.5	BACCARA	120/200	0~60	Flange	Carbon Steel	SS304
FSNL5E-A	140	5"	3951	67	8	2.5	BACCARA	120/200	0~60	Flange	Carbon Steel	SS304
FSNL5-B	150	5"	5268	75	8	2.5	BACCARA	120/200	0~60	Flange	Carbon Steel	SS304
FSNL6E	180	6"	5268	85	8	2.5	BACCARA	120/200	0~60	Flange	Carbon Steel	SS304
FSNM4E-A	80	4"	2634	72	8	2.5	BACCARA	120/200	0~60	Flange	Carbon Steel	SS304
FSNM4E-B	100	4"	3951	83	8	2.5	BACCARA	120/200	0~60	Flange	Carbon Steel	SS304
FSNM5E-A	140	5"	3951	85	8	2.5	BACCARA	120/200	0~60	Flange	Carbon Steel	SS304
FSNM5-B	150	5"	5268	92	8	2.5	BACCARA	120/200	0~60	Flange	Carbon Steel	SS304
FSNM6E-A	180	6"	5268	95	8	2.5	BACCARA	120/200	0~60	Flange	Carbon Steel	SS304
FSNM6E-B	220	6"	7902	135	8	2.5	BACCARA	120/200	0~60	Flange	Carbon Steel	SS304
FSNM8E	320	8"	7902	142	8	2.5	BACCARA	120/200	0~60	Flange	Carbon Steel	SS304
FSNM10E	380	10"	7902	154	8	2.5	BACCARA	120/200	0~60	Flange	Carbon Steel	SS304

Surface Treatment& Painting

Shot Blasting /Electrostatic spraying process painting thickness≥120μm

TECHNICAL PARAMETERS

	Size Data				
	Model	L (mm)	A (mm)	B (mm)	D (mm)
	FSNV2E	920	390	270	273
	FSNV3E-A	920	390	270	273
	FSNV3E-B	1020	440	270	273
	FSNV4E	1020	440	270	273
	Size Data				
	Model	L (mm)	A (mm)	B (mm)	D (mm)
	FSNL4E-A	1525	680	287	273
	FSNL4E-B	1725	780	287	273
	FSNL5E-A	1725	780	287	273
	FSNL5-B	1925	880	287	273
	FSNL6E	1925	880	287	273
	尺寸数据				
	Model	L (mm)	A (mm)	B (mm)	D (mm)
	FSNM4E-A	1600	500	287	273
	FSNM4E-B	1800	600	287	273
	FSNM5E-A	1800	600	287	273
	FSNM5-B	2110	900	287	273
	FSNM6E-A	2110	900	287	273
	FSNM6E-B	2502	1100	312	273
	FSNM8E	2502	1100	312	273
	FSNM10E	2502	1100	312	325



VACUUM SLEEVE
more efficient | longer service life

SHARK SERIES
SELF-CLEANING FILTER

The shark series electric self-cleaning filter is a fully automatic cleaning filter, which consists of a motor, a filter, a brush, and a drain valve. The electric controller will send a signal to the control panel during the flush then the drain valve and the motor will work. All the process need not to cutoff the water flow.

HOW TO ORDER

- 1.Parameters needed for order: maximum flow rate Q ; inlet &outlet diameter DN; Max working pressure P; working temperature and filtration accuracy.
- 2.According to site condition to determine the way of installation.
- 3.To determine Material for Strainer and housing.
- 4.确定过滤器型号。

DS series : Y / F / T / L type
Sigle filter flow rate: 25-9300t/h
Port size: DN50~DN1200mm
Design pressure: 1.0MPa、1.6 MPa、2.5 MPa、4.0 MPa
Filter accuracy: 80 to 5000 micron
Filtration area: 1500cm2~75000cm2
Control modes: DP ,TIME, MANUAL
Flushing ways : Electric brush



MULTILAYER STAINLESS
STEEL SCREEN BRINGS
HIGH PRECISION FILTER EFFECT

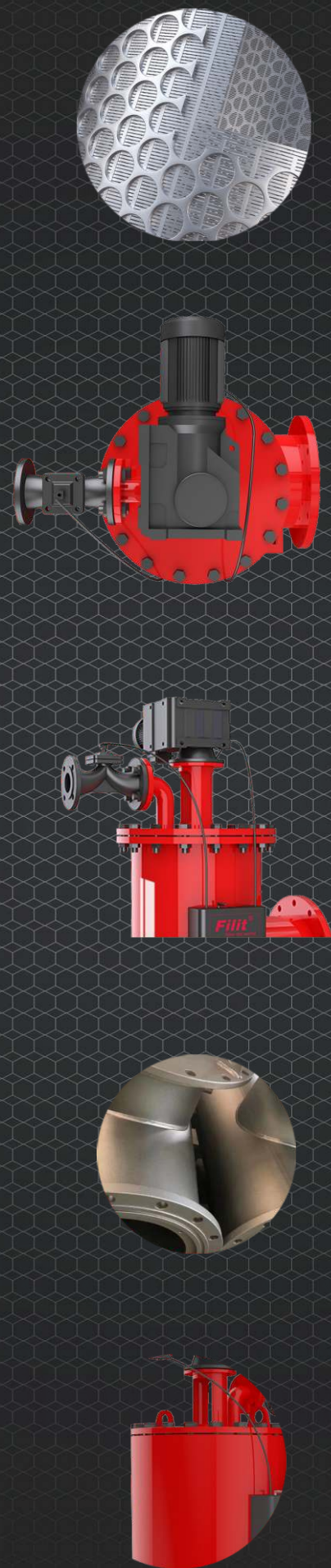
USING IMPORT DRAIN VALVE,
WHICH MAKES OUR PRODUCTS
BECOME THE FIRST LEVEL
IN DOMESTIC MARKET

MULTI FLUSH CONTROL WAYS:
TIME, DP AND MANUAL

WELDING BY THE AUTOMATIC
ROBOT PRODUCTION LINE

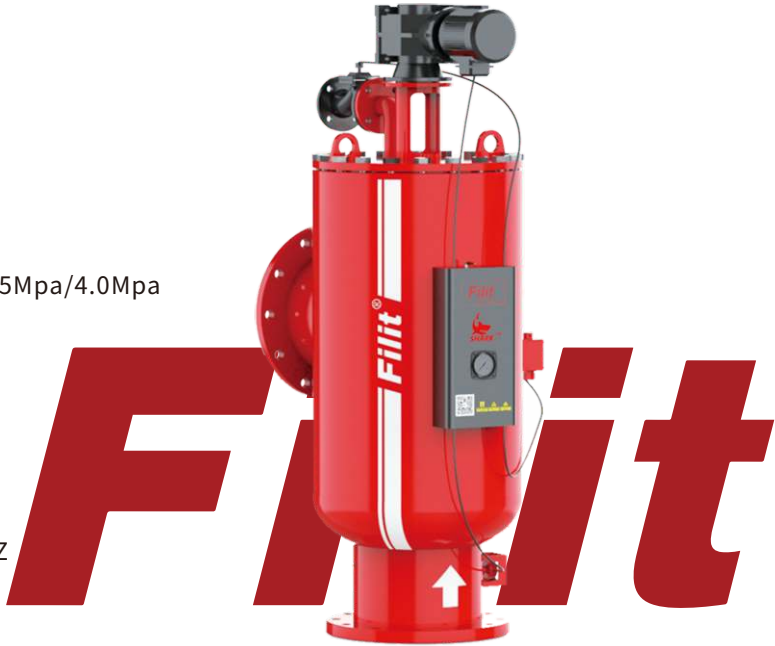
ELECTROSTATIC SPRAYING
PROCESS
PAINTING THICKNESS $\geq 150\mu\text{m}$

POST SALES SERVICE RESPONSE TIME WITHIN 24H.



DSL FILTER

Single filter flow rate: 25~2800t/h.
Working pressure (Min.): 0.2Mpa
Working pressure (Max.): 0.6Mpa/1.0Mpa/1.6Mpa/2.5Mpa/4.0Mpa
Working temperature(Max.): 70℃
Filter accuracy: 80 to 5000 micron
Control modes: DP TIME MANUAL
Flush time: 60 sec
Flush pressure loss : 0.01~0.03Mpa
Voltage: 220V AC
Rated voltage: three-phase electric, 220V, 380V, 50HZ

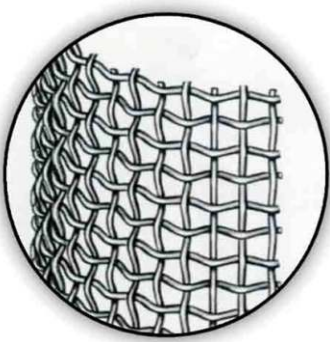


Model	Port (mm)	Flow (t/h)	Filtration Area (cm)	Drain Valve DN(mm)	Clean Capacity /per time (m)	Motor Power (Kw)	Weight (Kg)
DSL2	DN50	25	3000	DN25	0.06	0.18	88
DSL2.5	DN65	30	3000	DN25	0.06	0.18	92
DSL3	DN80	50	3000	DN25	0.06	0.18	95
DSL4	DN100	80	3000	DN25	0.06	0.18	105
DSL5	DN125	120	3000	DN40	0.15	0.18	115
DSL6	DN150	160	5900	DN40	0.15	0.18	170
DSL8	DN200	300	5900	DN40	0.15	0.18	185
DSL10	DN250	450	9500	DN50	0.20	0.37	230
DSL12	DN300	650	9500	DN50	0.20	0.37	265
DSL14	DN350	120	12000	DN50	0.35	0.55	430
DSL16	DN400	160	12000	DN50	0.35	0.55	450
DSL18	DN450	300	15000	DN65	0.35	0.75	680
DSL20	DN500	450	15000	DN65	0.35	0.75	720
DSL24	DN600	650	18000	DN65	0.35	0.75	915

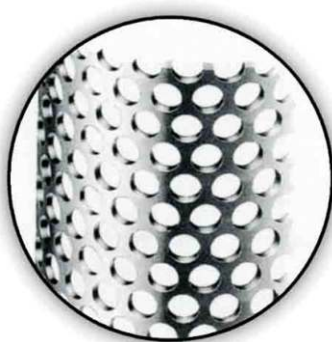
Size Data									
Model	ΦD (mm)	H (mm)	H1 (mm)	H2 (mm)	H2* (mm)	L1 (mm)	L2 (mm)	L (mm)	
DSL2	Φ273	400	750	926	1500	320	280	800	
DSL2.5	Φ273	400	750	926	1500	320	280	800	
DSL3	Φ273	400	750	926	1500	320	280	800	
DSL4	Φ273	400	750	926	1500	320	280	800	
DSL5	Φ273	400	750	926	1500	320	280	800	
DSL6	Φ325	800	1300	1527	2700	310	350	1000	
DSL8	Φ325	800	1300	1527	2700	310	350	1000	
DSL10	Φ426	800	1375	1606	2800	400	400	1200	
DSL12	Φ426	800	1375	1606	2800	400	400	1200	
DSL14	Φ612	900	1552	1784	3000	525	500	1500	
DSL16	Φ612	900	1552	1784	3000	525	500	1500	
DSL18	Φ816	950	1700	1943	3200	605	600	1800	
DSL20	Φ816	950	1700	1943	3200	605	600	1800	
DSL24	Φ916	1000	1722	1963	3200	640	650	2000	

Note: H2* is the minimum size for opening the filter

FILTERING AND FLUSHING



Drilling Screen



'V' Screen



Woven Screen

Water enters the filter from the inlet passing through the screen mesh and then flow out. This deposits building up creates al pressure differentia across the screen and once the preset pressure differential value 0.05MPa is reached, the pressure switch gauge activates the self- cleaning process, the motor drives the brush to clean the strainer and exhaust from the drain valve.



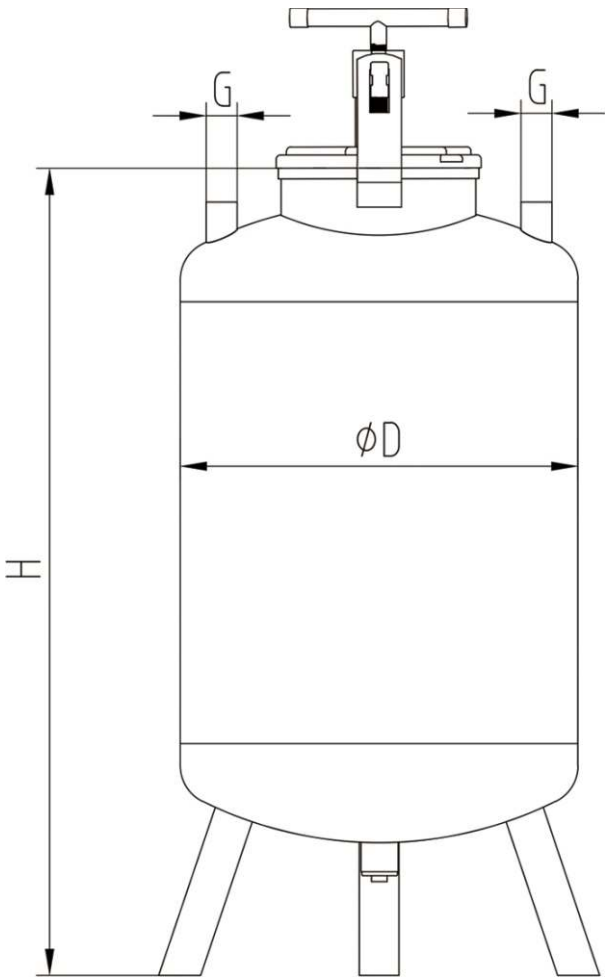
APPLICATION AREA

- 01:**Good for sprinkler irrigation and drip irrigation for agriculture, landscape , golf courses application.
- 02:**Raw water treatment—it can filter surface river water, lake water, sea water, reservoir water, well water and ground water, removing sand, bacteria, algae, organic matter, etc.
- 03:**Industrial circulating water filtration—For the equipment with certain requirements on water quality such as: cooling towers, rolling mills, continuous casting machines, polishing, water pumps, solenoid valves, ion exchanger, sprayers, heat exchangers, etc. Filter out impurities in the water to avoid clogging parts such as pipes and nozzles.
- 04:**Cooling water treatment—cooling tower, make-up water system, air-conditioning system, DC system water filtration, reduce the generation of sediment in the heat exchanger, and maintain its cooling effect.
- 05:**Paper industry-white water filtration.
- 06:**Plastic industry— recycling cooling water filtration.

FILTER FOR WORLD



FERTILIZER TANK



Fertilizer tanks mainly provide a simplified way to distribute fertilizers and other chemicals and then fertilize them through

- ✓ **Bypass fertilization tank, no power required**
- ✓ **Steel structure, polyester powder coating, pressure and corrosion resistance**
- ✓ **Simple structure and durable**

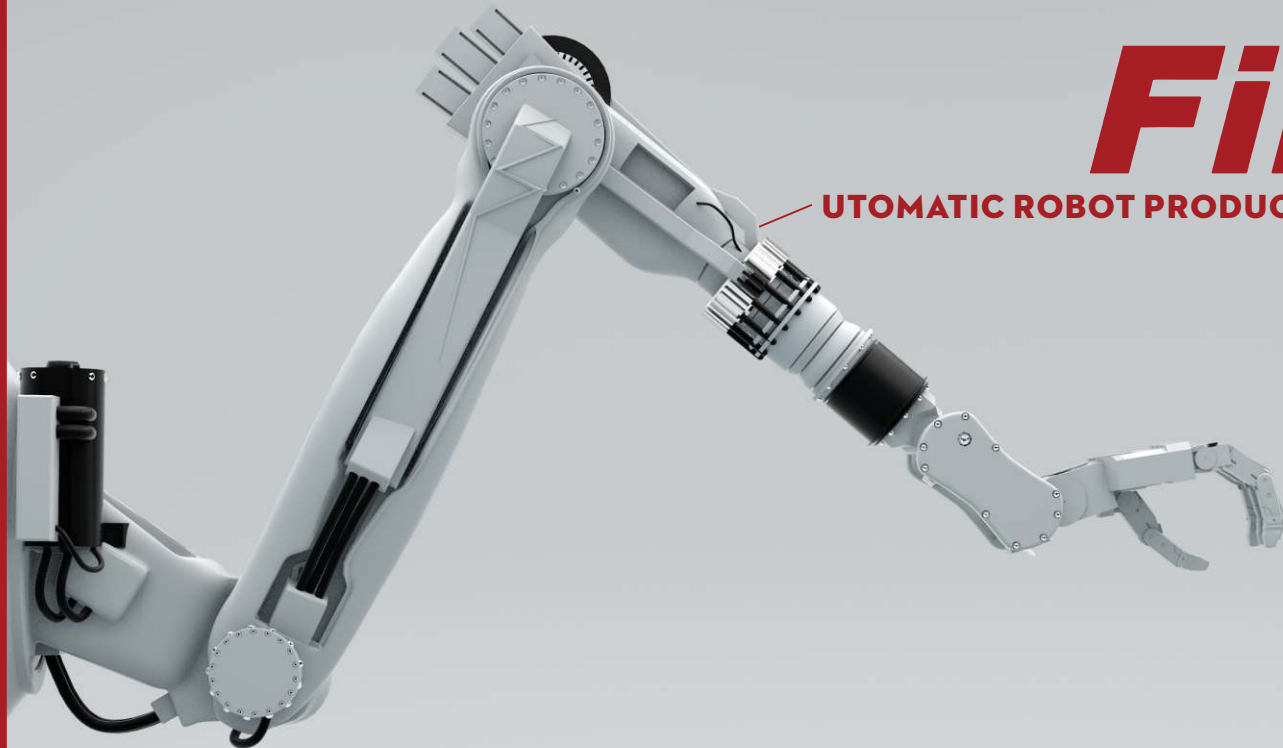
Application: Fertilizer or chemicals directly into the water stream
Designed pressure: 7 bar
Volume: 60L-1000L

Size Data

Model	Volume (L)	D (mm)	H (mm)	Connection	Inlet/Outlet Size
FSF60	60	377	650	Thread	G1/2"
FSF100	100	426	650	Thread	G3/4"
FSF200	200	608	650	Thread	G1"
FSF300	300	758	650	Thread	G1"
FSF600	600	1008	650	Thread	G1"
FSF1000	1000	1210	800	Thread	G1"

Filit

UTOMATIC ROBOT PRODUCTION LINE



PERFECT DETAIL QUALITY



FERIT WAREHOUSE INVENTORY



CASE PRESENTATION

FILIT products are sold at home and abroad
Satisfying customers is the greatest motivation of every Filit members
here are some cases to show you more



MADIA FILITER

FILIT Whale series sand filter has a simple structure and mature technology as well as a good cost performance.



AUTOMATIC DISC FILTER

Using multiple patented technologies, more efficient, water-saving, land-saving and less daily maintenance in installation and



ELECTRIC AUTOMATIC CLEAN SCREEN FILTER

Mainly used for sprinkler irrigation and drip irrigation for agriculture, landscape, golf courses application.



SELF CLEANING FILTER

Mainly used for sprinkler irrigation and drip irrigation for agriculture, landscape, golf courses application.



A CASE STUDY OF A CENTRIFUGAL MESH FILTER

The FLX Series Hydrocyclone filter is suitable for irrigation for various crops such as vegetables, fruit trees, greenhouses, flowers, tea gardens, green fields etc.

