

JX FILTRATION[®]

YOUR TRUST IS PRICELESS!



JX Filtration(China)Co.,Ltd

PRODUCT QUALITY AND REPUTATION ARE OUR CORE PRINCIPLES



JX Filtration (China) Co., Ltd is a leading manufacturer specializing in the design, production, and sale of high-quality filtration equipment and comprehensive filtration solutions.

JX FILTRATION

ABOUT US

Over the years, we have developed a diverse range of products, classified into three main categories:

Filtration Systems: Bag Filter Housings, Self-Cleaning Filters, Backwashing Filters, Sand Filters, Activated Carbon Filters, Cartridge Filters, RO System, and Disc Filters.

Solid-Liquid Separation Equipment: Disc Centrifuges, Horizontal Centrifuges, Screw Presses, Rotary Drum Filters, Vacuum Drum Filters, and Other Advanced Separation Systems.

Filter Elements: Wedge Wire Screens, Sintered Screens, PP Cartridges, and Various Other Filter Media.

With a team of highly skilled R&D professionals, experienced production staff, and a dedicated sales team, we are committed to delivering the most efficient and reliable filtration solutions to our clients. Through years of continuous innovation and excellence, we have earned the trust and recognition of customers worldwide.





ADVANTAGES OF OUR BAG FILTER HOUSING



Leak-Free Guarantee: Free replacement if any leaks found.



Fast 7-Day Delivery: Quick turnaround for standard models.



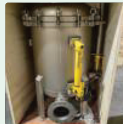
Comprehensive Testing: Each unit undergoes rigorous hydrostatic testing prior to shipment, with full HD video documentation and inspection reports provided for your verification.



Custom Options: With extensive customization experience, we offer tailored inlet/outlet configurations, flange standards, opening mechanisms, and material options for both filter elements and housings to meet your exact requirements.



High-Quality Welding: Our expert welders use precise fish-scale welding on every joint. We provide inspection reports and close-up photos to prove quality. This method ensures strong, long-lasting products.



Robust Packaging: Durable packaging ensures the product remains undamaged during transportation.

WORKING PRINCIPLE

A Bag Filter Housing is a type of filtration system designed to remove solid contaminants from liquids through a replaceable filter bag. It is widely used in industries such as water treatment, chemicals, food & beverage, pharmaceuticals, and more.

Working Process:

- **Fluid Inlet** – The unfiltered liquid enters the housing through the inlet pipe.
- **Filtration** – The liquid flows through the filter bag, which captures solid particles and allows the clean liquid to pass through. The filtration accuracy depends on the micron rating of the filter bag.
- **Clean Fluid Outlet** – The filtered liquid exits the housing through the outlet, ready for further processing or use.
- **Particle Retention** – Solid contaminants accumulate inside the filter bag. Once it reaches its capacity, the bag needs to be replaced to maintain efficiency.
- **Easy Maintenance** – The filter bag can be easily removed, disposed of, or cleaned for reuse, making it a cost-effective and efficient filtration solution.

APPLICATION

Chemical industry, pharmacy, automobile industry, light industry, food industry, municipal water treatment system, electroplating industry, etc.



Chemical Industry



Pharmacy



Automobile Industry



Light Industry



Food Industry



Municipal Water Treatment System



Electroplating Industry



Sugar Industry



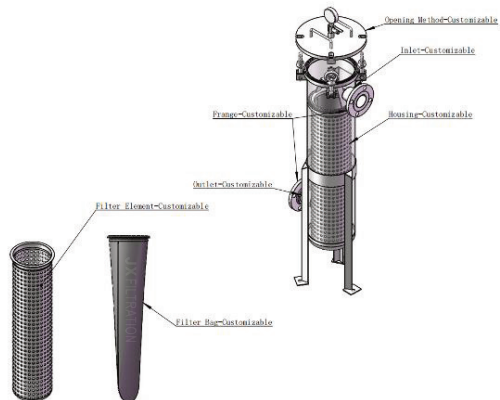
Paper Industry

SINGLE BAG FILTER HOUSING



SINGLE BAG FILTER HOUSING

Structure Diagram



SINGLE BAG FILTER HOUSING

Standard Type

1. With simple structure and operation.
2. Simplicity and convenience: Simplified snap-fit design enables tool-free assembly and disassembly, offering exceptional convenience for applications requiring frequent maintenance or part replacement.



Technical Parameters

Model	Filtering Area(M2)	Max Flow(T/H)	Working Pressure (MPa)	Volume(L)	Inlet/Outlet Connection	Diameter	Housing Height (Mm)
Bag Filter Housing – SS 304							
JXSBFH-304-1S	0.2	16	0.25	8	DN50	204	900
JXSBFH-304-2S	0.5	32	0.5	17	DN50	204	1250
JXSBFH-304-3S	0.09	6	0.09	1.3	DN25	133	560
JXSBFH-304-4S	0.16	12	0.16	2.5	DN25	133	680
Bag Filter Housing – SS 316							
JXSBFH-316-1S	0.2	16	0.25	8	DN50	204	900
JXSBFH-316-2S	0.5	32	0.5	17	DN50	204	1250
JXSBFH-316-3S	0.09	6	0.09	1.3	DN25	133	560
JXSBFH-316-4S	0.16	12	0.16	2.5	DN25	133	680
Bag Filter Housing – SS 2205							
JXSBFH-2205-1S	0.2	16	0.25	8	DN50	204	900
JXSBFH-2205-2S	0.5	32	0.5	17	DN50	204	1250
JXSBFH-2205-3S	0.09	6	0.09	1.3	DN25	133	560
JXSBFH-2205-4S	0.16	12	0.16	2.5	DN25	133	680

SINGLE BAG FILTER HOUSING

Dome-Top Type

1. For large-diameter and high-flow rate pipelines, with quick-opening design for easy open-cap operation.
2. Optimized flow management: the liquid flows from high to low, the filter bag is not affected by turbulence, which improves the filtration efficiency and service life of the filter bag. This kind of filter has good sealing effect, large effective filtration area and high filtration efficiency.



Technical Parameters

Model	Filtering Area(M2)	Max Flow(T/H)	Working Pressure (MPa)	Volume(L)	Inlet/Outlet Connection	Diameter	Housing Height (Mm)
Dome-Top Single Bag Filter SS304							
JXSBFH-DT-304-1S	0.2	16	0.25	8	DN50	204	820
JXSBFH-DT-304-2S	0.5	32	0.5	17	DN50	204	1170
JXSBFH-DT-304-3S	0.09	6	0.09	1.3	DN25	114	480
JXSBFH-DT-304-4S	0.16	12	0.16	2.5	DN25	114	600
Dome-Top Single Bag Filter SS316							
JXSBFH-DT-316-1S	0.2	16	0.25	8	DN50	204	820
JXSBFH-DT-316-2S	0.5	32	0.5	17	DN50	204	1170
JXSBFH-DT-316-3S	0.09	6	0.09	1.3	DN25	114	480
JXSBFH-DT-316-4S	0.16	12	0.16	2.5	DN25	114	600

SINGLE BAG FILTER HOUSING

Recessed Cover Type

1. Enhanced Sealing Performance

The recessed cover design ensures superior sealing, minimizing leakage risks and maintaining consistent filtration efficiency.

2. Effortless Maintenance

The recessed lid enables quick, tool-free access for filter bag replacement and routine servicing, reducing downtime.



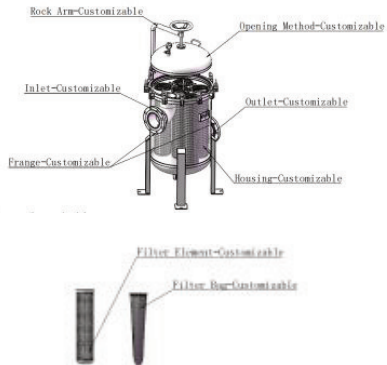
Technical Parameters

Model	Filtering Area(M2)	Max Flow(T/H)	Working Pressure (MPa)	Volume(L)	Inlet/Outlet Connection	Housing Height (Mm)	
Recessed-Top Single Bag Filter SS304							
JXSBFH-RT-304-1S	0.2	16	0.25	8	DN50	204	900
JXSBFH-RT-304-2S	0.5	32	0.5	17	DN50	204	1250
JXSBFH-RT-304-3S	0.09	6	0.09	1.3	DN25	133	560
JXSBFH-RT-304-4S	0.16	12	0.16	2.5	DN25	133	680
Recessed-Top Single Bag Filter SS316							
JXSBFH-RT-316-1S	0.2	16	0.25	8	DN50	204	900
JXSBFH-RT-316-2S	0.5	32	0.5	17	DN50	204	1250
JXSBFH-RT-316-3S	0.09	6	0.09	1.3	DN25	133	560
JXSBFH-RT-316-4S	0.16	12	0.16	2.5	DN25	133	680

MULTI-BAG FILTER HOUSING

Structure Diagram

Available construction materials include Carbon Steel, PP, SS304, SS316L and etc.



MULTI-BAG FILTER HOUSING

Swing Arms Type

Simplified design for rapid installation and maintenance, significantly reducing system complexity.



MULTI-BAG FILTER HOUSING

Swing Arms Type

Simplified design for rapid installation and maintenance, significantly reducing system complexity.



Technical Parameters

Model	Bag Qty	Filtering Area(M2)	Max Flow(T/H)	Inlet/Outlet Connection	Working Pressure (MPa)	Housing Dia(Mm)	Overall Height (Mm)	Housing Height (Mm)
Bag Filter Housing								
JXMBFH-2	2	1	64	DN65	≤1.0	410	1450	990
JXMBFH-3	3	1.5	96	DN80	≤1.0	450	1500	1060
JXMBFH-4	4	2	128	DN100	≤1.0	550	1550	1090
JXMBFH-5	5	2.5	160	DN150	≤1.0	600	1600	1100
JXMBFH-6	6	3	192	DN150	≤1.0	650	1630	1120
JXMBFH-8	8	4	256	DN200	≤1.0	750	1800	1135
JXMBFH-10	10	5	320	DN250	≤1.0	900	1950	1260
JXMBFH-12	12	6	384	DN250	≤1.0	950	1980	1270
JXMBFH-14	14	7	448	DN250	≤1.0	1000	2050	1290
JXMBFH-15	15	7.5	480	DN250	≤1.0	1000	2050	1290
JXMBFH-16	16	8	512	DN300	≤1.0	1050	2400	1164
JXMBFH-17	17	8.5	544	DN300	≤1.0	1050	2400	1664
JXMBFH-18	18	9	576	DN300	≤1.0	1100	2350	1620
JXMBFH-20	20	10	640	DN300	≤1.0	1150	2390	1195
JXMBFH-23	23	11.5	736	DN300	≤1.0	1200	2430	1670
JXMBFH-25	25	12.5	800	DN300	≤1.0	1250	2540	1782
JXMBFH-30	30	15	960	DN350	≤1.0	1400	2590	1810
JXMBFH-32	32	16	1024	DN400	≤1.0	1450	2650	1840
JXMBFH-38	38	19	1216	DN400	≤1.0	1600	2700	1820

MULTI-BAG FILTER HOUSING

Quick-Opening Type

Ultra-fast filter bag replacement with <30-second cover switching.

- Lever-actuated clamping mechanism.
- Reduces downtime by 90% vs standard bag filters.
- Lowers labor costs through one-person operation.



Technical Parameters

Model	Bag Qty	Filtering Area(M2)	Max Flow(T/H)	Inlet/Outlet Connection	Working Pressure (MPa)	Housing Dia(Mm)	Overall Height (Mm)	Housing Height (Mm)
Quick Opening								
JXMBFH-Q-3	3	1.5	96	DN80	≤1.0	450	1280	1060
JXMBFH-Q-4	4	2	128	DN100	≤1.0	550	1330	1090
JXMBFH-Q-5	5	2.5	160	DN150	≤1.0	600	1180	1100
JXMBFH-Q-6	6	3	192	DN150	≤1.0	650	1210	1120
JXMBFH-Q-8	8	4	256	DN200	≤1.0	750	1580	1135
JXMBFH-Q-10	10	5	320	DN250	≤1.0	900	1730	1260



MULTI-BAG FILTER HOUSING

Hydraulic Type

Effortless maintenance via integrated jack system.

- <30-second top cover operation.
- 30-50x faster bag changes than conventional models.
- Eliminates manual lifting (safer, more efficient).



Technical Parameters

Model	Bag Qty	Filtering Area(M2)	Max Flow(T/H)	Inlet/Outlet Connection	Working Pressure (MPa)	Housing Dia(Mm)	Overall Height (Mm)	Housing Height (Mm)
Hydraulic Opening – SS 304								
JXMBFH-BQ-3	3	1.5	96	DN80	≤1.0	450	1280	1060
JXMBFH-BQ-4	4	2	128	DN100	≤1.0	550	1330	1090
JXMBFH-BQ-5	5	2.5	160	DN150	≤1.0	600	1180	1100
JXMBFH-BQ-6	6	3	192	DN150	≤1.0	650	1210	1120
JXMBFH-BQ-8	8	4	256	DN200	≤1.0	750	1580	1135
JXMBFH-BQ-10	10	5	320	DN250	≤1.0	900	1730	1260

MULTI-BAG FILTER HOUSING

Duplex Bag Filter Housing

The Dual Bag Filter is a high-performance liquid filtration system designed for industries requiring uninterrupted operation and superior filtration quality. Its innovative dual chamber design ensures continuous filtration, making it ideal for chemical, food, pharmaceutical, and watertreatment applications.



Technical Parameters

Model	Bag Qty	Filtrating Area(M2)	Max Flow(T/H)	Inlet/Outlet Connection	Working Pressure (MPa)	Housing Dia(Mm)	Overall Heigh (Mm)	Housing Height (Mm)
Duplex Bag Filter Housing – SS 304								
JXMBFH-DUP-3	3	1.5	96	DN80	≤1.0	450	1500	1060
JXMBFH-DUP-4	4	2	128	DN100	≤1.0	550	1550	1090
JXMBFH-DUP-8	8	4	256	DN200	≤1.0	750	1800	1135
JXMBFH-DUP-10	10	5	320	DN250	≤1.0	900	1950	1260

ASME U STAMP CERTIFIED BAG FILTER

Design Standard:

ASME BPVC Section VIII, Division 1 (Pressure Vessel Code)

Certification Scope:

Applicable to pressure-retaining filtration equipment with design pressures ≥ 15 PSIG (1.03 bar)



Technical Parameters

Model	Bag Qty	Filtering Area(M2)	Max Flow(T/H)	Inlet/Outlet Connection	Working Pressure (MPa)	Housing Dia(Mm)	Overall Height (Mm)	Housing Height (Mm)
ASME Standard								
JXMBFH-ASME-316-6	6	3	192	DN150	≤ 1.0	650	1630	1120
JXMBFH-ASME-316-8	8	4	256	DN200	≤ 1.0	750	1800	1135
JXMBFH-ASME-316-10	10	5	320	DN250	≤ 1.0	900	1950	1260
JXMBFH-ASME-316-12	12	6	384	DN250	≤ 1.0	950	1980	1270
Remark : The Listed Models Are Reference Designs – We Customize All Model To ASME Standards Per Your Requirements.								

INLET/OUTLET TYPE

JX FILTRATION[®]



Side-In & Bottom-Out



Side-In & Side-Out



Bottom-In & Bottom-Out



Side-In & Bottom-Out



Side-In & Side-Out



Bottom-In & Bottom-Out

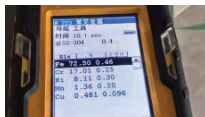
REMARKS

The maximum capacity listed in the datasheet is a reference value obtained under standard water test conditions. Actual performance may vary depending on liquid viscosity, solid content and pressure difference.

Construction Material Options



SS316



SS304



PP Material Opening



Rubber Lined Carbon Steel

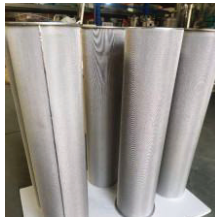


SS2205

Filter Element Options



Perforated Mesh Filter Basket



Perforated Mesh+Sintered Filter Element(Up To 10 Microns)



Hot Melt PP Filter Bag

INSPECTION CHECK LIST

Remark : We can customize inspection checklists based on your specific operational requirements.

INSPECTION CHECK LIST

Part I. Appearance And Packing Inspection

- ☐ Screw on the crate instead of nail
- ☐ Smooth surface treatment without any cracks
- ☐ Nameplate
- ☐ Serial number on the crate
- ☐ Nameplate Side face to outside(Multi-Cells)
- ☐ No pallet for single cell crate
- ☐ Flange plate smooth without any cracks
- ☐ Weld seams are symmetrical on both sides, without unevenness
- ☐ Inside and outside of each filter

Part II. Size Inspection

Number Category	1	2	3	4	5	6	7
Serial							
Material	SUS304	SUS304	SUS304	SUS304	SUS304	SUS304	SUS304
#ID							
N1/N2							
N3/N4							
N5/N6							
N7							
(A)							
(B)							
C							
D							
(E)							
(F)							
G							
H							

REGARDING OUR SERVICES

Professional Pre-sale Service

1. Filtration method and equipment recommendation.
2. Free CAD or 3D drawing.
3. Equipment can be customized.

After-Sale Service

1. Installation assistance by a phone call or video.
2. Free accessories for maintenance.
3. Engineer sent to solve the onsite problem.

Complete Service During Sales

1. On-time delivery.
2. Equipment inspection by photo or video.
3. Secure and standard package.



JX Filtration(China)Co.,Ltd

Head Office

Address: Building 2A, 5th Floor, Jinronghui, Tianfu 5th Street, Wuhou District,

Chengdu

Contact: +86 15928650174

Email: sales@filtrationchina.com

Website: shop.filtrationchina.com

Chengdu Facility

Address: No. 290, Chaoyang Avenue, Pujiang, Chengdu

Shanghai Facility

Address: No. 678, Guangda Road, Fengxian District, Shanghai

Jiangsu Facility

Address: No. 25, Sait Avenue, Yixing, Jiangsu

Hebei Facility

Address: No.9 Nanhua Street, Shijiazhuang, Hebei

