



# Multi-bag Filter

## Product Description:

Multi-bag filters separate substances by directing the fluid to be treated through a collection chamber into a filter bag. As the fluid flows through the filter bag, the captured particulate matter stays in the bag, while the clean fluid continues to flow through the bag and eventually out of the filter. It effectively purifies the fluid, improves product quality, and protects equipment from particulate matter and contaminants.



## Product Features :

- A. High filtration efficiency: Multi-bag filter can use multiple filter bags at the same time, effectively increasing the filtration area and improving the filtration efficiency.
- B. Large processing capacity: Multi-bag filter consists of multiple filter bags, which can process a large number of fluids at the same time.
- C. Flexible and adjustable: Multi-bag filters usually have an adjustable design, which allows you to choose to use different numbers of filter bags according to actual needs.
- D. Easy maintenance: The filter bags of multi-bag filters can be replaced or cleaned to maintain the performance and life of the filter.
- E. Customization: Multi-bag filters can be designed and customized according to specific application requirements. Filter bags of different materials, different pore sizes and filtration levels can be selected to suit different fluids and contaminants.

## Application Areas:

**Industrial manufacturing:** Bag filters are commonly used for particulate filtration in industrial production, such as metal processing, chemical, pharmaceutical, plastics and other industries.

**Food and beverage:** bag filter can be used for liquid filtration in food and beverage processing, such as fruit juice, beer, dairy products and so on.

**Wastewater treatment:** Bag filters are used in wastewater treatment plants to remove suspended particles and solid particles and improve water quality.

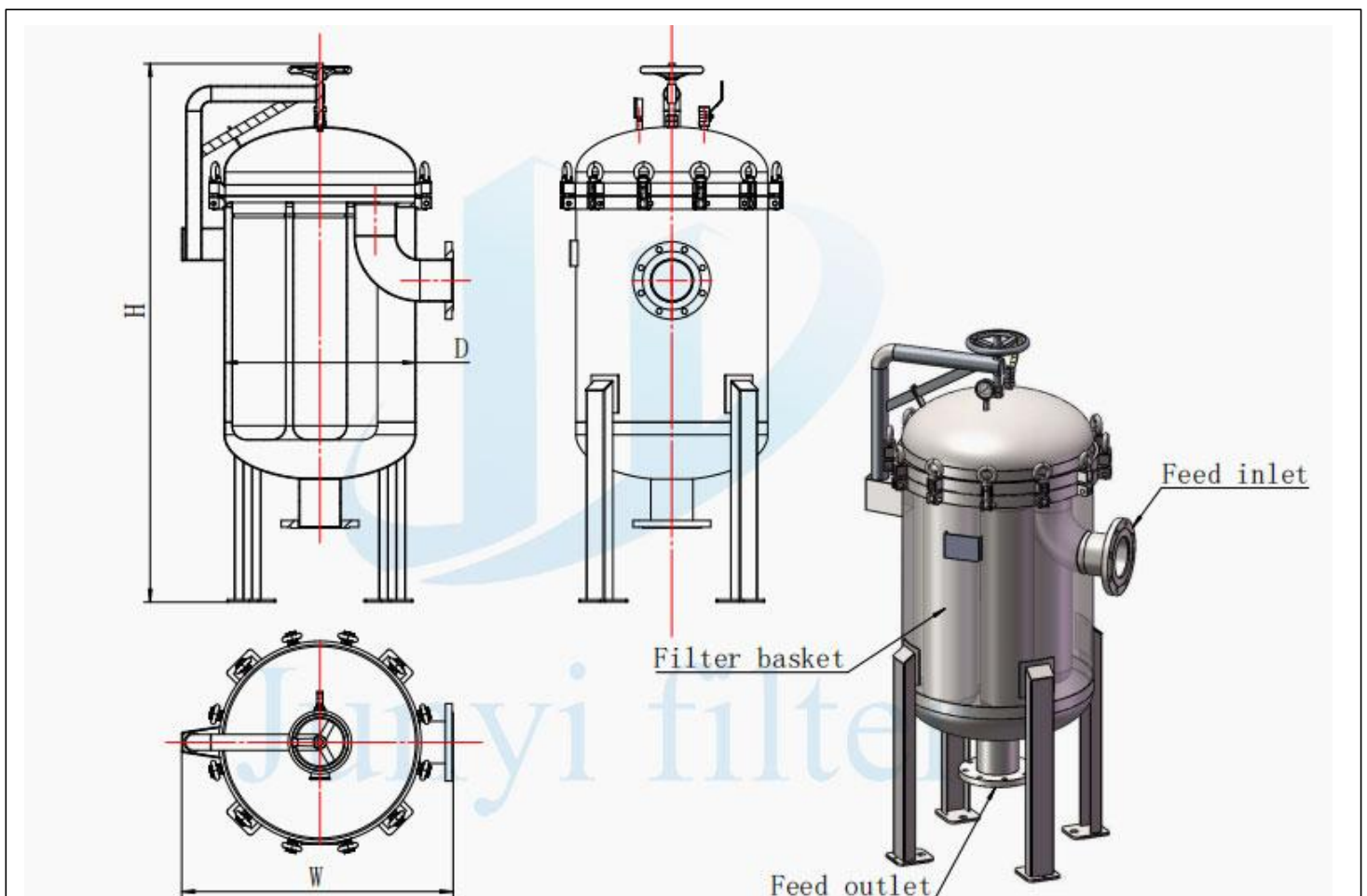
**Oil and gas:** bag filters are used for filtration and separation in oil and gas extraction, refining and gas processing.

**Automotive industry:** Bag filters are used for spraying, baking and airflow purification in the automotive manufacturing process.

**Wood processing:** bag filters are used for filtration of dust and particles in wood processing to improve air quality.

**Coal mining and ore processing:** bag filters are used for dust control and environmental protection in coal mining and ore processing.

## Dimension Drawing of Single Bag Filter:





## Single bag filter parameter table:

Model Numbers		Filter area (m <sup>2</sup> )	In/Out Calibre (mm)	Max. Flow Rate Viscosity (1 centipoise)	Cylinder diameter (mm)	Total height
JYMF-2P	Multi-Bag Filter P: Numbers Filter bag number: 2	1.0	Dn65	80m <sup>3</sup> /h	450	1550
JYMF-3P		1.5	DN80	120m <sup>3</sup> /h	500	1600
JYMF4P		2.0	DN100	160m <sup>3</sup> /h	550	1600
JYMF-5P		2.5	DN150	200m <sup>3</sup> /h	600	1650
JYMF-6P		3.0	DN200	240m <sup>3</sup> /h	650	1680
JYMF-7P		3.5		280m <sup>3</sup> /h	700	1680
JYMF-8P		4.0	DN250	320m <sup>3</sup> /h	750	1750
JYMF-9P		4.5	DN300	360m <sup>3</sup> /h	800	1770
JYMF-10P		5.0		400m <sup>3</sup> /h	850	1780
JYMF-12P		6.0		480m <sup>3</sup> /h	1000	1800
JYMF-16P		8.0	DN350-500	640m <sup>3</sup> /h	1200	1900
JYMF-18P		9.0		720m <sup>3</sup> /h	1200	2500
JYMF-20P		10.0		800m <sup>3</sup> /h	1300	2500
JYMF-22P		11.0		880m <sup>3</sup> /h	1600	2500
JYMF-24P		12.0		960m <sup>3</sup> /h	1600	2500
<b>Working Pressure Setting</b>						
Security filter ≤ 0.3MPa (Design Pressure 0.6MPa)						
Conventional bag filters ≤ 0.6MPa (Design Pressure 1.0MPa)						
High pressure bag filter ≤ 1.0MPa (Design Pressure 1.6MPa)						
<b>Sealing ring:</b> butyronitrile, silica gel, fluororubber PTFE						
<b>Equipment Material:</b> SS304, SS316, SC, PP						
<b>Temperature:</b> < 60℃ ; < 100℃ ; < 150℃ ; > 200℃						
<b>Flange standard:</b> HG, ASME B16.5, BS4504, DIN, JIS						
<b>Filter bag specifications:</b> 7×32 inches						
<b>Filter bag material:</b> PP, PE, PTFE, Nylon net, Steel wire mesh						

## Bag Filter Ordering Information

1. Refer to the bag filter selection guide, bag filter overview, specifications and models, and select the model and supporting equipment according to the requirements.
2. According to the special needs of customers, our company can design and produce non-standard models or customized products.
3. The product pictures and parameters provided in this material are for reference only, subject to change without notice and actual ordering.

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