

SYBF Series Filter

High-Standard Precision Filtration · Pre-Membrane Reliable Protection · Economical & Practical

The SYBF series is manufactured using high-quality stainless steel materials with a filtration accuracy of 0.1-100 µm, capable of efficiently removing particles, suspended solids, and bacteria, serving as reliable pre-filtration for membrane systems such as reverse osmosis and ultrafiltration. With an adjustable flow rate of 1.5-195 m³/h, it combines high precision and large capacity characteristics, making it suitable for industries with high hygiene standards such as pharmaceuticals and food & beverages.



Core Challenges Addressed

- Stringent requirements for filtration systems in high-hygiene standard industries
- Contamination and clogging due to inadequate pre-treatment of membrane systems
- Technical balance between high-precision filtration and large processing capacity
- High operational costs from frequent filter replacements

Key Advantages

- Complies with international mainstream industry standards and certification requirements
- High-precision filter cartridges with uniform pore size and stable filtration performance
- Acid and alkali-resistant stainless steel structure with pure, contamination-free materials
- Low-pressure loss design, high flow rate, and low energy consumption
- Easy filter replacement and low comprehensive operating costs

Typical Applications

- Pharmaceutical industry: Raw material filtration, water for injection preparation
- Food & beverage: Beer and spirits clarification filtration
- Drinking water treatment: Bottled water and drinking water purification
- Membrane system protection: Pre-treatment for reverse osmosis and ultrafiltration systems
- Biological preparations: Culture medium and fermentation broth pre-treatment

Comprehensive Value

The SYBF series, centered on high standards, provides reliable front-end filtration protection for industries with high hygiene requirements, effectively extending membrane system lifespan, reducing system maintenance frequency, and lowering comprehensive operational costs. It is a preferred filtration solution that balances performance, reliability, and economy.

SYBF Series

CUSTOM DESIGN AND MANUFACTURING AVAILABLE

Model of Filter	Model of Cartridge	Housing size	Inlet/Outlet	Qty of Cartridge	Length of Cartridge	Flow Rate t/h
SY105X	SY10R	Ø219x700x2	DN25	5	10	1.5
SY205X	SY20R	Ø219x1000x2	DN32	5	20	3
SY305X	SY30R	Ø219x1200x2	DN40	5	30	5
SY405X	SY40R	Ø219x1500x2	DN50	5	40	7
SY4010X	SY40R	Ø325x1500x2.5	DN65	10	40	15
SY4015X	SY40R	Ø377x1600x3	DN80	15	40	22
SY4020X	SY40R	Ø426x1650x3	DN80	20	40	30
SY4025X	SY40R	Ø450x1700x3	DN100	25	40	40
SY4030X	SY40R	Ø500x1750x3	DN100	30	40	45
SY4035X	SY40R	Ø550x1800x3	DN100	35	40	55
SY4055X	SY40R	Ø600x1850x3	DN125	55	40	85
SY4060X	SY40R	Ø650x1900x3	DN125	60	40	90
SY4073X	SY40R	Ø700x1950x3	DN125	73	40	110
SY4085X	SY40R	Ø750x2000x3	DN150	85	40	125
SY4090X	SY40R	Ø800x2050x4	DN150	90	40	135
SY40120X	SY40R	Ø900x2100x4	DN150	120	40	180
SY40130X	SY40R	Ø1000x2150x4	DN200	130	40	195