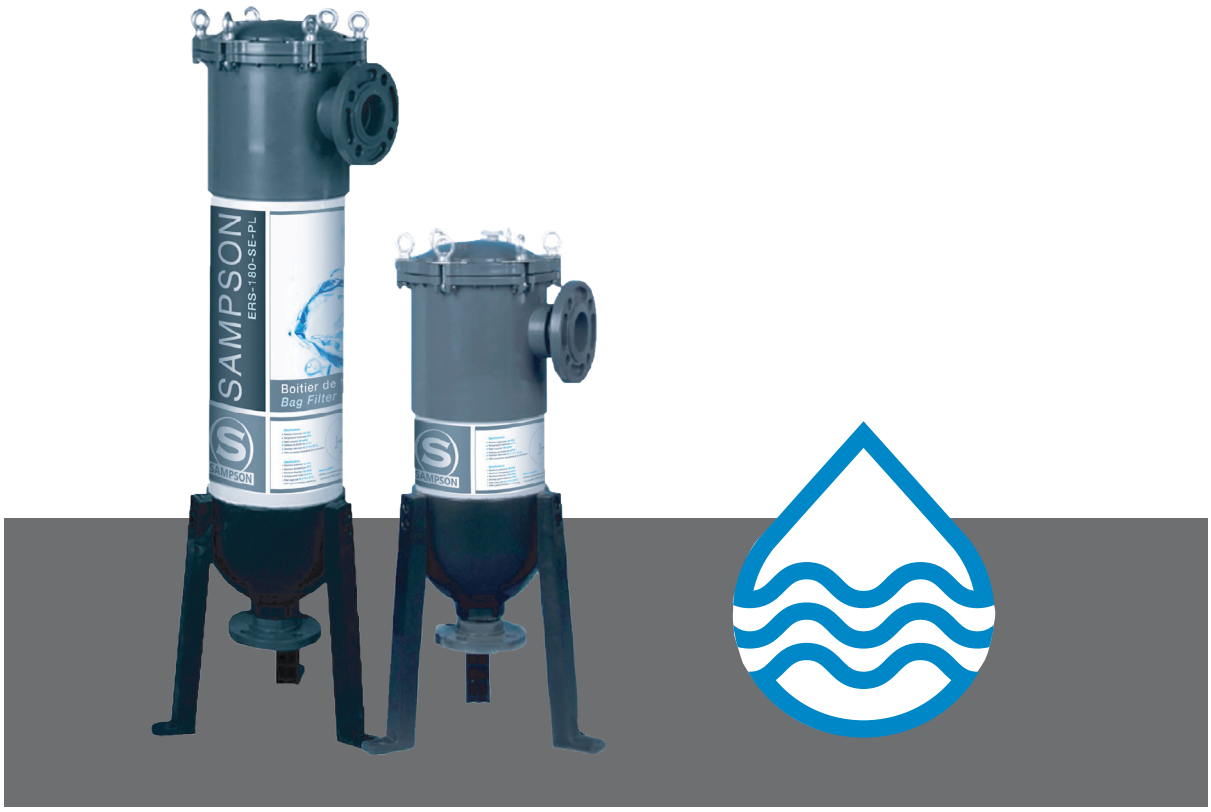
SAMPSON
BAG FILTER HOUSING

Sampson™ Bag Filter Housings

uPVC 90 &180 GPM



Sampson™'s bag filter housings are characterized with high precision, high flow capacity, easy installation and maintenance. Their unique body design made of uPVC makes them ideal for corrosive environments and processes.

Features

- Most parts of this filter are made of uPVC
- uPVC material is resistant to corrosion
- Light weight design and very easy to install
- Side entry and bottom outlet
- The distribution system is from top (side entry) to bottom
- The lid and the body are connected using flanges to ensure the housing can withstand higher pressure

Applications

- Petrochemical
- Construction
- Cosmetic
- Chemical
- Medical
- Textile,
- Food (waste water), etc.

Part Number	Size	Bag Size	In/Out	Max Pressure	Flow	Material
ERS-90-SE-PL	8.86" Ø- 32.28" H	7" Ø - 17" H (#1)	2" FLG /2.5" NTP	100 PSI	90 GPM	uPVC
ERS-180-SE-PL	8.86" Ø- 47.29" H	7" Ø - 32" H (#2)	2" FLG /2.5" NTP	100 PSI	180 GPM	uPVC

Note

- Compatible with most filter bags
- Max. operating temperature is 45°C
- Size of pressure gauge holes on cover is ¼"

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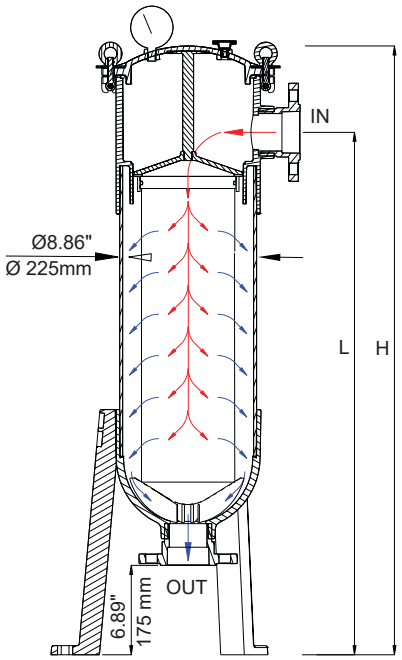
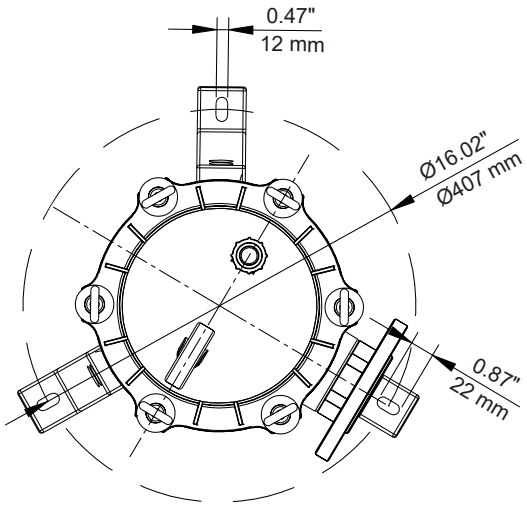
Accessories also available!

Part Number	Description
OBS-GO-0-030PP	0-30 PSI Pressure Gauge ¼" Connection
OBS-GO-0-060PP	0-60 PSI Pressure Gauge ¼" Connection
OBS-GO-0-100PP	0-100 PSI Pressure Gauge ¼" Connection
WA-FV-4M1-1/4	Automatic Air Vent ¼" Connection
ERS-PL-004S	Silicone O-ring
ERS-PL-004B	Buna O-ring
ERS-PL-005	Filter Holder
ERS-PL-006	Plastic & Silicon Ring
ERS-PL-007	Inside Filter Basket



Water Flow Diagram



Mechanical drawing

What Is Your Filtration Application?

1. What are you filtering?
2. How large are the particles?
3. What is your desired flow rate?
4. What are the conditions (flow, pressure, temperature) of the process?
5. What is the quality of filtration required?
6. Will you require treatment of the liquid?

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