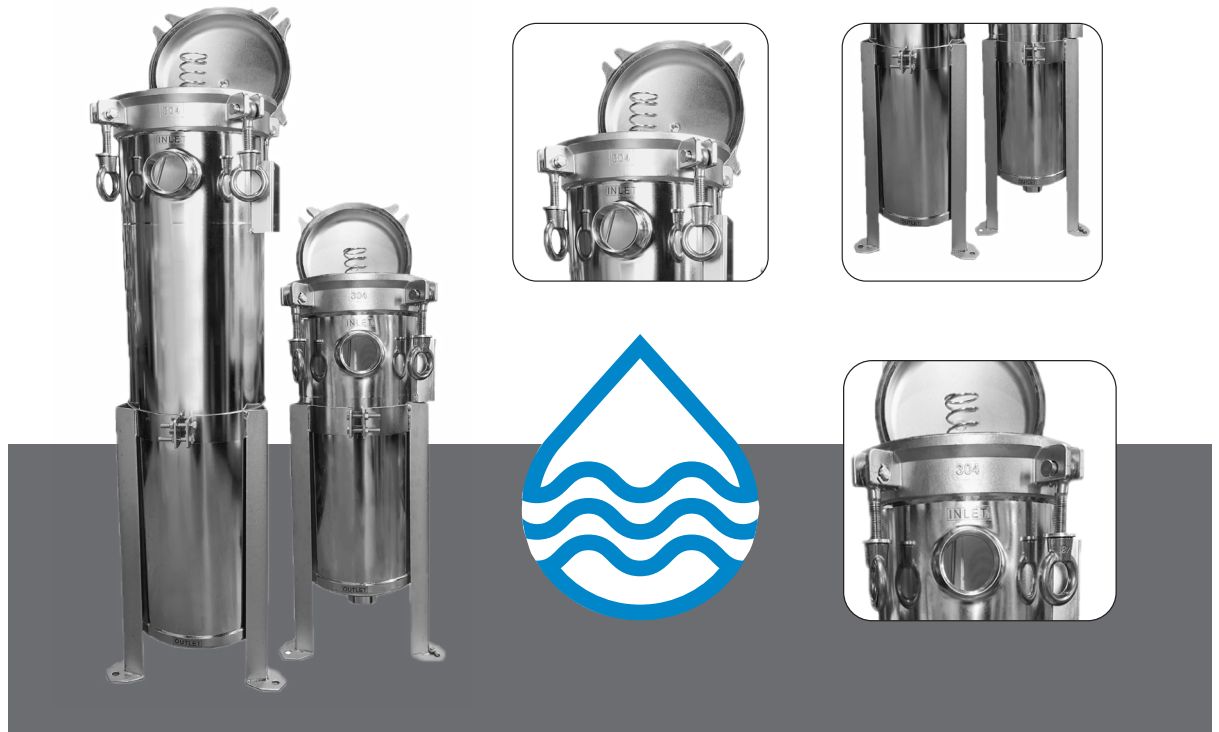


SAMPSON™ BAG FILTER HOUSING

Sampson™ High Pressure Bag Filter Housings

uPVC 90 & 180 GPM



ERE INC manufactures the Sampson™ High Pressure Filter Housings that are made of a high quality 304 or 316 stainless steel. Great for many industrial applications. Also available in a custom made sanitary finish for pharmaceutical and food grade applications. ERE INC also manufactures filter bags which are sold separately.

Features

- Available in a 90 GPM and a 180 GPM
- Available in 304 and 316 Stainless Steel
- Operating Temperature 75°C
- Operating Pressure 150 PSI
- Design Pressure 225 PSI

Applications

- Petrochemical
- Construction
- Cosmetic
- Medical
- Textile
- Food
- Pharmaceutical
- Waste water
- Beverage
- Etc...

Part Number	Size	Bag Size	In/Out	Max Pressure	Flow	Material
ERS-90-SE-SS304-2FPT	10" Ø-32" H	7" Ø-17" H (#1)	2" FNPT	225 PSI	90 GPM	304 Stainless
ERS-90-SE-SS316-2FPT	10" Ø-32" H	7" Ø-17" H (#1)	2" FNPT	225 PSI	90 GPM	316 Stainless
ERS-180-SE-SS304-2FPT	10" Ø-46" H	7" Ø-32" H (#2)	2" FNPT	225 PSI	180 GPM	304 Stainless
ERS-180-SE-SS316-2FPT	10" Ø-46" H	7" Ø-32" H (#2)	2" FNPT	225 PSI	180 GPM	316 Stainless

Accessories

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-247-EPDM	EPDM O-ring
ERS-247-BUNA	Buna O-ring



SAMPSON™ BAG FILTER HOUSING



What Is Your Filtration Application?

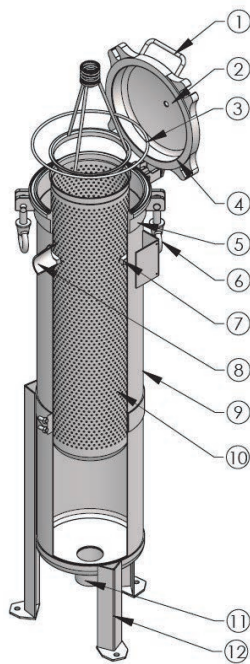
1. What are you filtering?
2. How large are the particles?
3. What is your desired flow rate?
4. What are the conditions (flow, pressure, temperature) of the process?
5. What is the quality of filtration required?
6. Will you require treatment of the liquid?

Both models come in standard with

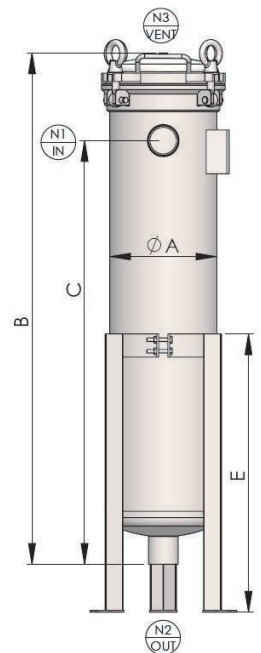
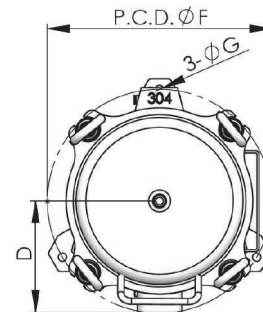
- 2" In & Outlet
- FNPT
- Side in and bottom out
- EPDM O-Rings
- Acid wash interior finish
- Electrolyzed exterior finish
- Other configurations available upon request

Note

- Compatible with all filter bags (all micron sizes and materials)
- Max operating temperature is 75° C
- Size of pressure gauge holes on cover is ¼"



1. Handle
2. Vent
3. O-Ring
4. Top Cover
5. Shell Flange
6. Eye Bolt
7. Filter Bag Plate
8. Port Inlet
9. Shell
10. Basket
11. Port Outlet
12. Support Leg



Model	A	B	C	D	E	F (PCD)	G	GPM	Weight
ERS-90	Ø10"	30"	21.5"	7"	20"	Ø13"	Ø0.5"	90	75 lbs
ERS-180	Ø10"	44"	36.5"	7"	20"	Ø13"	Ø0.5"	180	95 lbs



Filter Bags Available In:

- Polypropylene
- Nylon
- Polyester
- 0.5 - 2000 micron sizes

