



SL SERIES

Single Bag Filter Housings

- Side Line Single Bag Filter Housing
- ASME Design/Industrial Design
- SS304 and SS316 are NSF/ANSI/CAN 61 certified

Economic multi-purpose ASME code ("U" & "UM") and non-code design bag filter housings.



SUITABLE USES



Air & Gas



Desalination



Coolant



Water



Electronics



Coatings



Oil & Gas



Chemical



Pulp & Paper



Power



Marine



Equipment

MEDIA

Accepts 1 single (P1) or double length (P2) bag filter.

CONFIGURATION

Side in/bottom out.

*Other configurations available.**

DESIGN PRESSURE /TEMPERATURE

150psig (10.3bar) @ 400°F (204.4C).

AVAILABLE MATERIALS

Carbon or Stainless Steel 304 or 316*. Also available in C276, AL6XN, 2205, 2507 & Monel 400.

**NSF/ANSI/CAN 61 certification available for SS304 and SS316 (S4SL/S6SL).*

ADDITIONAL FEATURES

Swing bolt closure allows for quick bag change out.



Certified to
NSF/ANSI/CAN 61

Custom sizes, configurations, materials of construction and other options may be available. Please contact Fil-Trek

For drawings, flow charts, custom applications and filter cartridge information please visit www.fil-trek.com.

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HOUSING SPECIFICATIONS

Inlet/Outlet	2" Flange - 3" Flange 2" - 3" 150# NPT
Inlet/Outlet Connection Types	FNPT Flange Ferrules
Clean Drain	½" NPT
Vent	½" NPT
Gauges	½" NPT
Basket	⅛" on ⅜" perforated plate *Other basket options available
Certifications	U, UM, CE, NB, CRN

MODEL FLOW RATES

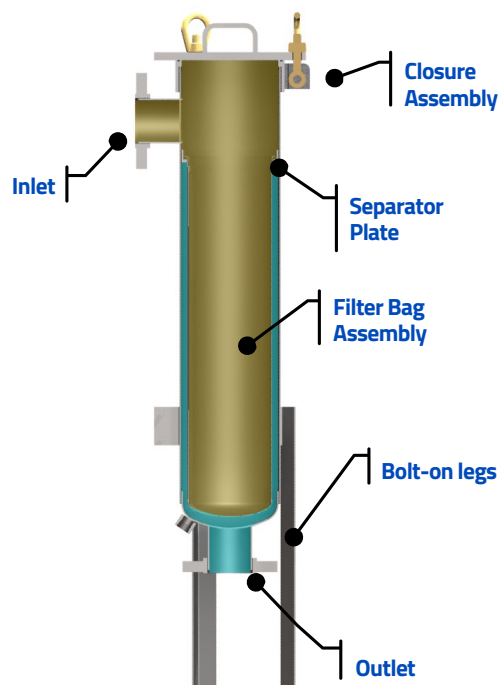
MODEL	BAG SIZE	FLOW RATE (GPM)
SL111-2P	1	110
SL111-2F	1	110
SL111-3P	1	240
SL111-3F	1	240
SL112-2P	2	110
SL112-2F	2	110
SL112-3P	2	240
SL112-3F	2	240

Flow rates are based on water at 2psid through empty housing with basket. Actual flow rate is dependant on fluid viscosity, micron rating, and media type. For actual flow rates based on your process, please contact Fil-Trek Corporation.

MATERIAL OF CONSTRUCTION

MATERIAL OF CONSTRUCTION	MAX. OPERATING PRESSURE (PSI @250°F)	MAX. DESIGN TEMP.
Carbon Steel	150 psi (10.3bar)	400°F (204.4°C)
304 Stainless Steel*	150 psi (10.3bar)	400°F (204.4°C)
316 Stainless Steel*	150 psi (10.3bar)	400°F (204.4°C)

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HOUSING OPTIONS

*Indicates standard configuration

Configuration Options	(-) – Side in/Bottom out* A – Side in/side out D – Side in/out Same Side
Basket Options	(-) – 1/8" on 3/16" perforated basket* MB___ – Mesh lined basket <i>(insert mesh size in blank space)</i>
Finish Options	(-) – Paint "National Blue" (std for CS) * (-) – Bead Blast (std for SS304/SS316) * EP1 – Electro polish Inside/Outside EP2 – Inside only EP3 – Outside only PP – Passivation
O-Ring Options	(-) – Buna-N* ED – EPDM VI – Viton SI – Silicone TEV – Teflon encapsulated Viton
Accessories	Direct Reading Gauge DP Gauge Safety Relief Valves Vent Valves Drain Valves Air Eliminator Omega Springs Balloon/Liquid Displacer Bag Magnets

MODEL DIMENSIONAL DETAILS

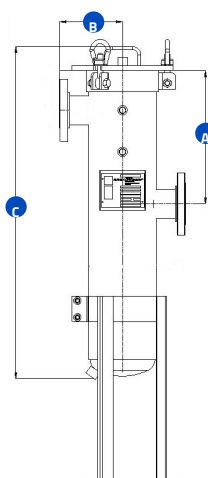
MODEL	WEIGHT (lbs)	A	B	C
SL111-2P	65	21 1/8"	6"	37 9/16"
SL111-2F	65	21 1/8"	8"	37 9/16"
SL111-3P	65	21 1/8"	6"	37 9/16"
SL111-3F	65	21 1/8"	8"	37 9/16"
SL112-2P	75	34 7/8"	6"	50 3/4"
SL112-2F	75	34 7/8"	8"	50 3/4"
SL112-3P	75	34 7/8"	6"	50 3/4"
SL112-3F	75	34 7/8"	8"	50 3/4"

Dimensions above are based on standard configuration 'C', side in-bottom out. Contact factory for weights and dimensions for all other model configurations

CONFIGURATION OPTIONS

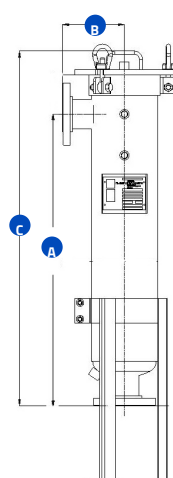
Style A

Side in/Side out



Style C

Side in/Bottom Out
SL Standard Design



Style D

Side in/Side Out
Same side

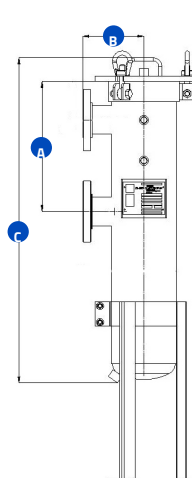


CHART LEGEND

- A** INLET TO OUTLET
- B** CENTRE TO FACE
- C** OVERALL LENGTH

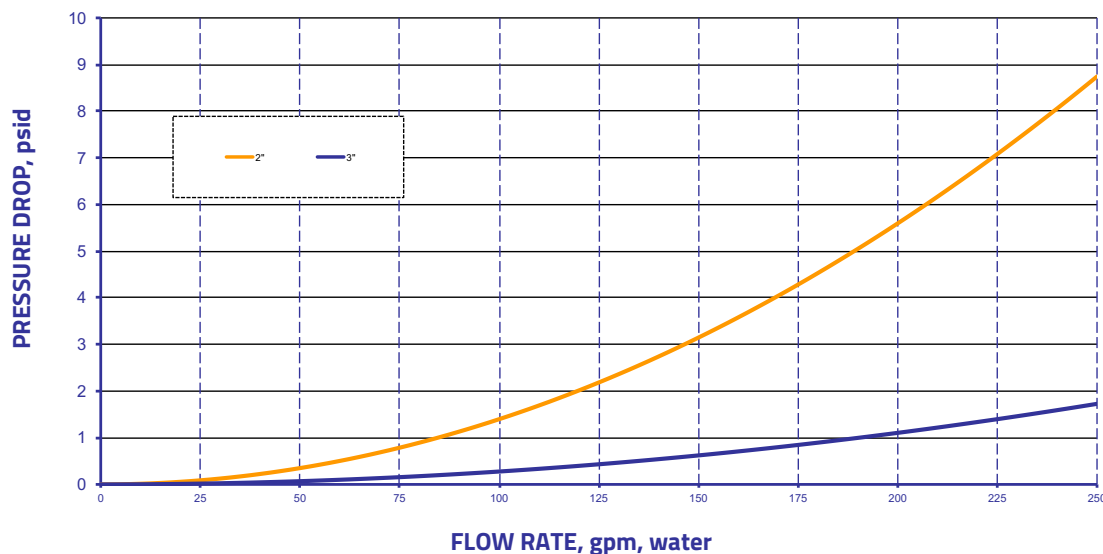
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FLOW CHARTS



PRODUCT NOMENCLATURE

S4	SL	1	12	3F	SW	-
MATERIAL	MODEL	# OF BASKETS	BASKET LENGTH	CONNECTION TYPE	CLOSURE STYLE	OPTIONS
(-) – Carbon S4 – SS304** S6 – SS316**	SL – ASME Code* ESL – Non-Code	1	11 – Size 1 12 – Size 2	2P – 2" NPT 2F – 2" Flange 3P – 3" NPT 3F – 3" Flange	SW – Swing Bolt	See "Housing Options" for options

*SL series is an ASME code stamped housing. This vessel is also available in an industrial non-code design. For non-code, add the prefix "E" to the SL in the part number.

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For more information, e-mail: info@fil-trek.com or visit Fil-Trek.com