



TL SERIES

Top Entry Single Bag Housings

- Top Inlet with Liquid Flow Directly Through Cover
- ASME Sec. VIII, Div. 1 & Non-Code Designs Available
- Standard Size 2

Top Line bag housings offer excellent and reliable performance in a broad range of applications.



SUITABLE USES



Air & Gas



Desalination



Coolant



Water



Electronics



Coatings



Oil & Gas



Chemical



Pulp & Paper



Power



Marine



Equipment

MEDIA

Accepts 1 double length (P2) bag filter.

CONFIGURATION

Top in/bottom out.

DESIGN PRESSURE /TEMPERATURE

Standard design at 150 PSIG (10.3bar) @ 400°F
(204.4C)

AVAILABLE FINISHES

Vessels available in carbon steel, stainless steel 304
or 316. Also available in LDX2101, C276, AL6XN,
2205, 2507 & Monel 400.

ADDITIONAL FEATURES

Swing bolt closure allows for quick bag change out.
Higher design pressure available.

*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

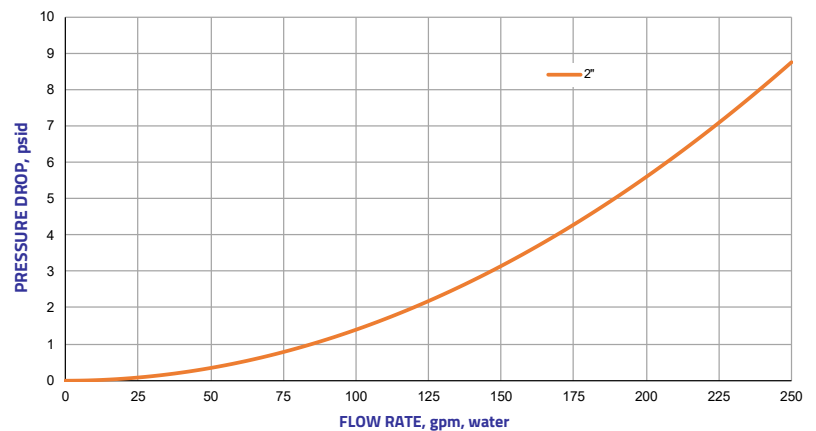
Inlet/Outlet	2" Flange or 2" NPT <i>*3" available with reducer</i>
Vent	½" NPT
Gauges	½" NPT
Basket	⅛" on ⅜" perforated plate <i>*Other basket options available</i>
Certifications	ASME Section VIII, Div. 1 U, UM, CE, NB, CRN

MODEL DETAILS

MODEL	BAG SIZE	FLOW RATE (GPM)
TL112-2P	2	110
TL112-2F	2	110

Flow rates are based on water at 2 PSID 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.

FLOW CHARTS



MATERIAL OF CONSTRUCTION

MATERIAL OF CONSTRUCTION	STD. OPERATING PRESSURE	STD. DESIGN TEMPERATURE
Carbon Steel	150 PSI (10.3bar)	250°F (121.1°C)
304 Stainless Steel	150 PSI (10.3bar)	250°F (121.1°C)
316 Stainless Steel	150 PSI (10.3bar)	250°F (121.1°C)

PRODUCT NOMENCLATURE

S4	TL	1	12	2 F	150	-
MATERIAL	MODEL	# OF BASKETS	BASKET LENGTH	CONNECTION SIZE & TYPE	DESIGN PRESSURE	OPTIONS
(-) – Carbon Steel S4 – SS304 S6 – SS316	TL – ASME Code ETL – Non-Code	1	11 – Size 1	2 – 2" F – Flange 3 – 3"* P – NPT	150 – 150 PSIG 275 – 275 PSIG	See "Housing Options" for options

NOTES:

The TL series is in an ASME code stamped housing. This vessel is also available in an industrial non-code design.
**3" design option only available as a threaded reducer.*

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HOUSING OPTIONS

*Indicates standard configuration

Configuration Options	(-) C – Top in/Bottom out*
Basket Options	(-) – 1/4" on 3/4" perforated basket* MB___ – Mesh lined basket (insert mesh size in blank space)
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
Design Pressure	150 PSIG* 275 PSIG available
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
TL112-2P	125	28 ⁷ / ₁₆ "	11 ⁷ / ₁₆ "	36 ¹ / ₂ "
TL112-2F	130	29 ⁹ / ₁₆ "	12 ⁵ / ₁₆ "	37 ¹¹ / ₁₆ "

Dimensions above are based on standard configuration 'C' and are for reference only. Contact factory for weights and dimensions for all other model configurations.

CONFIGURATION OPTIONS

Style C

Top In/Bottom Out
TL Standard Design

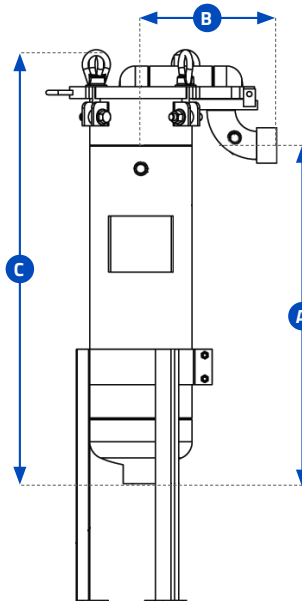


CHART LEGEND

- A** INLET TO OUTLET
- B** CENTRE TO FACE
- C** OVERALL HEIGHT
EXCL. LEGS