



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

MATERIAL OF CONSTRUCTION

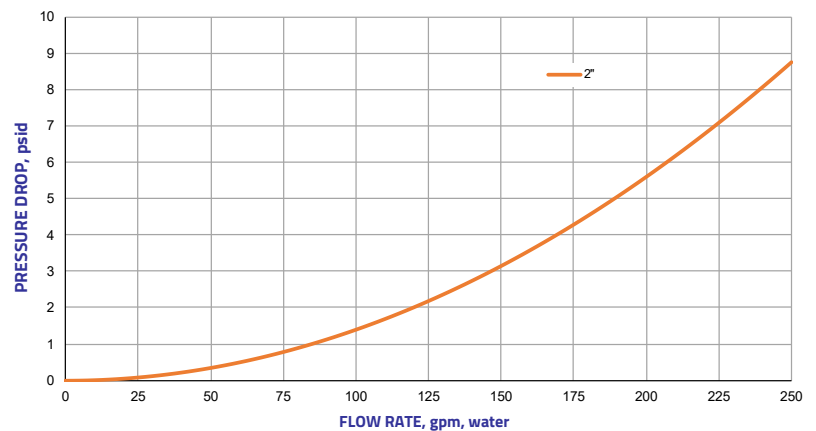
MATERIAL OF CONSTRUCTION	STD. OPERATING PRESSURE	STD. DESIGN TEMPERATURE
Carbon Steel	150 PSI (10.3bar)	250°F (121.1°C)
304 Stainless Steel	150 PSI (10.3bar)	250°F (121.1°C)
316 Stainless Steel	150 PSI (10.3bar)	250°F (121.1°C)

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



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 (-) – 1/8" on 3/16" 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 ¹ / ₁₆ "	36 ¹ / ₂ "
TL112-2F	130	29 ⁹ / ₁₆ "	12 ⁵ / ₁₆ "	37 ¹ / 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

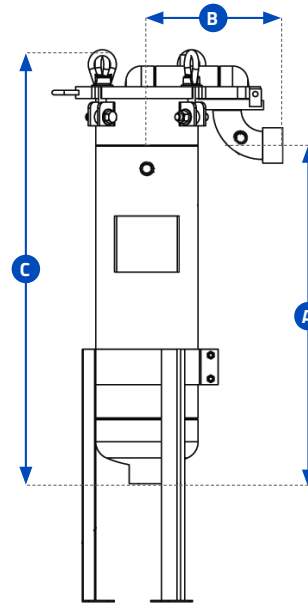


CHART LEGEND

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