FIL-TREK CORPORATION
55 Stafford Court
Cambridge, ON N1T 1B3

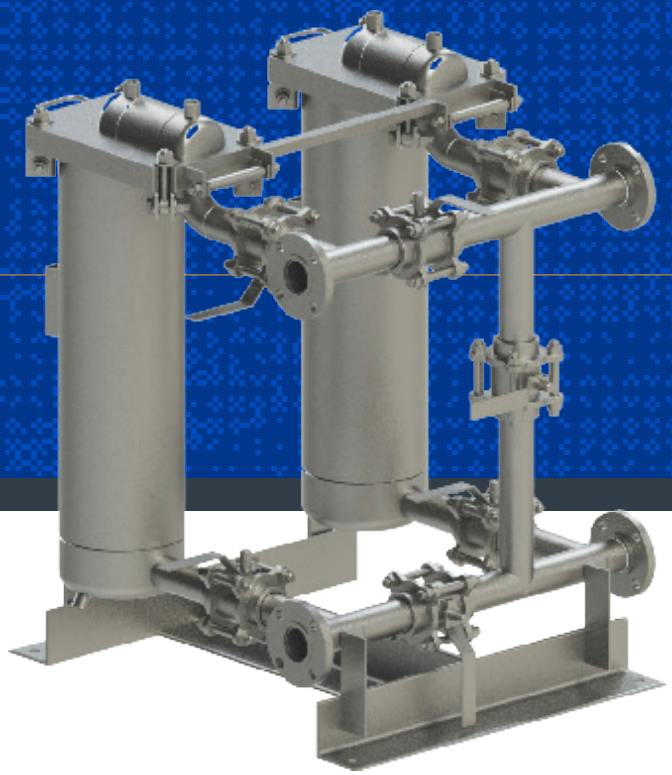
P (519) 623-7448
F (519) 623-8807

PARALLEL SERIES TOP LINE

Parallel Top Entry Bag Filter Systems

- Bag Filter Housings
- ASME Code/Non-Code
- For use in tandem or as a staged filtration process

Multi-purpose industrial ASME code ("UM") and non-code design bag filter housing systems



SUITABLE USES

Air & Gas · Desalination · Coolant · Water · Electronics · Coatings

Oil & Gas · Chemical · Pulp & Paper · Power · Marine · Equipment

- WASTE WATER
- PROCESS WATER
- PLATING
- DISPOSAL WELLS
- PHOTOGRAPHIC
- COATINGS
- RO PREFILTRATION
- DEIONIZED WATER
- CHEMICALS

MEDIA	Accepts 1 single (P1) or double length (P2) bag filter per housing
DESIGN PRESSURE	150 psig (10.3 bar) @ 400°F (204.4°C)
AVAILABLE FINISHES	Carbon or Stainless Steel 304 or 316 Also available in C276, AL6XN, 2205, 2507 & Monel 400

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

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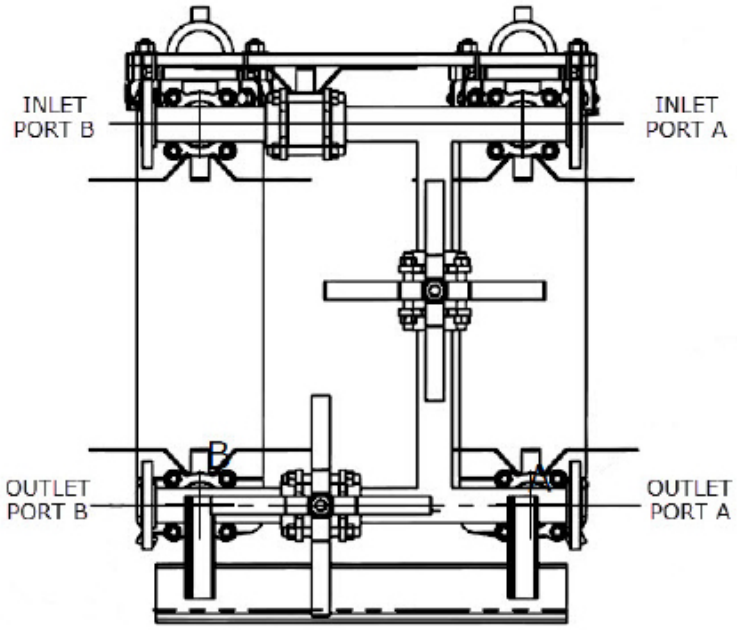
HOUSING SPECIFICATIONS

INLET/OUTLET	Flange
DIRTY DRAIN	½" NPT
CLEAN DRAIN	½" NPT
VENT	½" NPT
GAUGES	½" NPT
HEADLIFT	Hinged cover
COVER	Flat top cover
LEGS	Bolted to skid system
CLOSURE	Swing bolt closure
BASKET	Standard ⅛" on ³⁄₁₆" perforated basket included (SS304 for CS and SS304, SS316 for SS316)
STANDARD PRESSURE	150psi
STANDARD TEMPERATURE	400°F (204°C)
CERTIFICATIONS	U, UM, CE, NB, CRN

FILTRATION PROCESS



PARALLEL FILTRATION

Fluid enters inlet Port A or B and passes through both vessels simultaneously. Fluid exits through outlet Port A or B

SERIES (STAGED) FILTRATION

Fluid enters inlet Port A and passes through vessel A (first stage) through the integrated manifold then through Vessel B (second stage). Fluid is then discharged though outlet Port B

MATERIAL OF CONSTRUCTION

MATERIAL OF CONSTRUCTION	MAX. OPERATING PRESSURE (PSI @250°F)	MAX. DESIGN TEMP
Carbon Steel	150 psi (10.3bar)	400°F (204°C)
304 Stainless Steel	150 psi (10.3bar)	400°F (204°C)
316 Stainless Steel	150 psi (10.3bar)	400°F (204°C)

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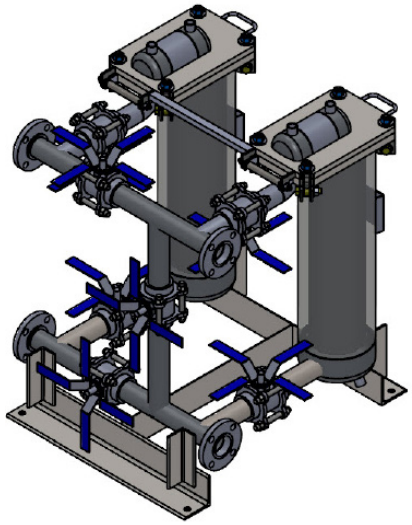
HOUSING OPTIONS

*Indicates standard configuration

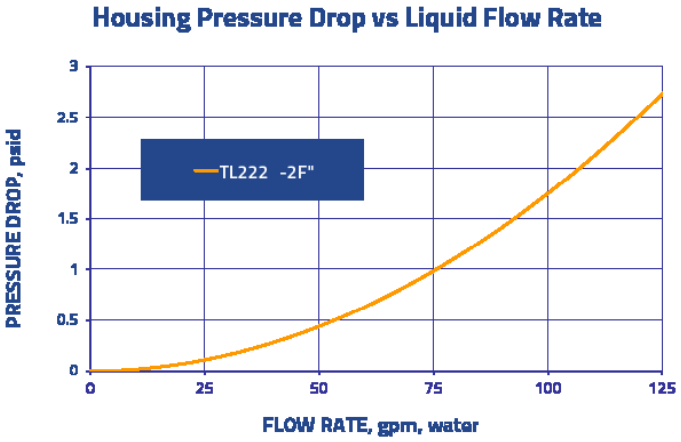
Configuration Options	**(-) Top in, bottom out.**
Finish Options	**(-) External paint "National Blue"** *(std for carbon steel housings)** **(-) Bead Blast** *(std for stainless steel 304 and 316)** EP1 – Electro polish Inside/Outside EP2 – Inside only EP3 – Outside only PP – Passivation
O-Ring Options	**(-) BN – Buna-N*** ED – EPDM VI – Viton SI – Silicone TEV – Teflon encapsulated Viton TF - Teflon
Valve Options	**V1 - Ball Valves*** V2 - Butterfly Valves
Basket Options	**⅛" on 3/16" perforated basket*** MB___- Mesh lined basket *(insert mesh size in open space)*
Accessories	Direct Reading Gauge DP Gauge Safety Relief Valves Vent Valves Drain Valves Air Eliminator Bag Magnets Displacement balloons Bag Retainer Ball Valves Butterfly Valves



MODEL FLOW RATES

Model	Bag Length	# of Filters	Flow Rate	Max Inlet/ Outlet
TL221	P1	2	220	2"
TL222	P2	2	480	2"

NOTE: The above flow rates represent the use of a 10 micron filter bag filtering water. Flow rates will vary based on fluid viscosity, bag type and other factors



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MODEL DIMENSIONAL DETAILS

MODEL	SHIPPING WEIGHT (LBS)	A	B	C	D	E
TL221	305	26"	30"	26"	18"	8"
TL222	435	26"	30"	42"	34"	8"

CHART LEGEND

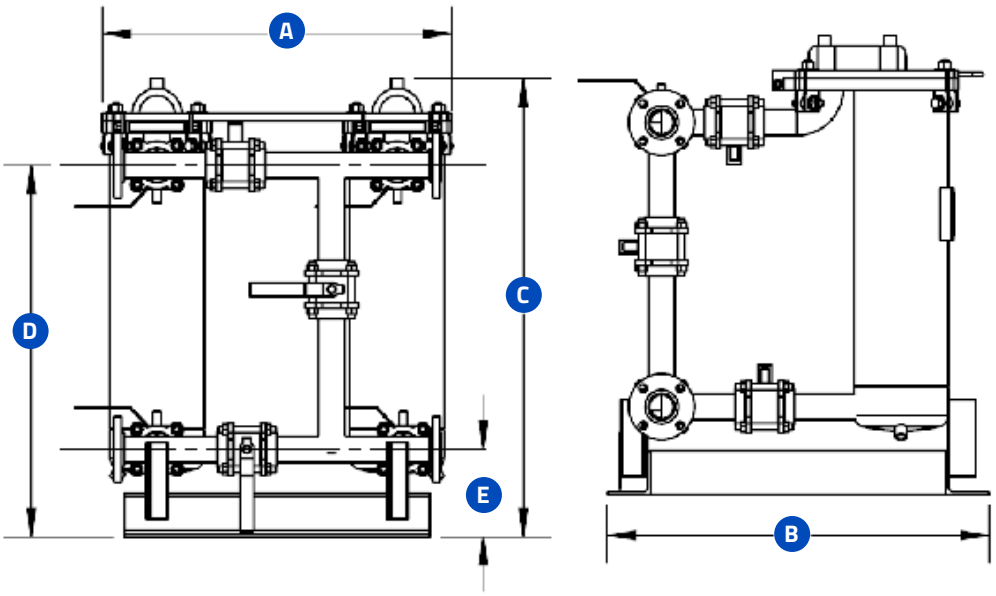
A OVERALL WIDTH

B OVERALL LENGTH

C OVERALL HEIGHT

D FLOOR TO INLET

E FLOOR TO OUTLET



PRODUCT NOMENCLATURE

-	TL	2	21	V1	PS
MOC	MODEL	# OF VESSELS	BAG LENGTH	OPTIONS	PS
(-) CS **S4** - SS304 **S6** - SS316	**TL** - ASME Code **ETL** - Non-Code	2	**21** - Size 1 (P1) **22** - Size 2 (P2)	See "Housing Options"	Parallel Series

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