

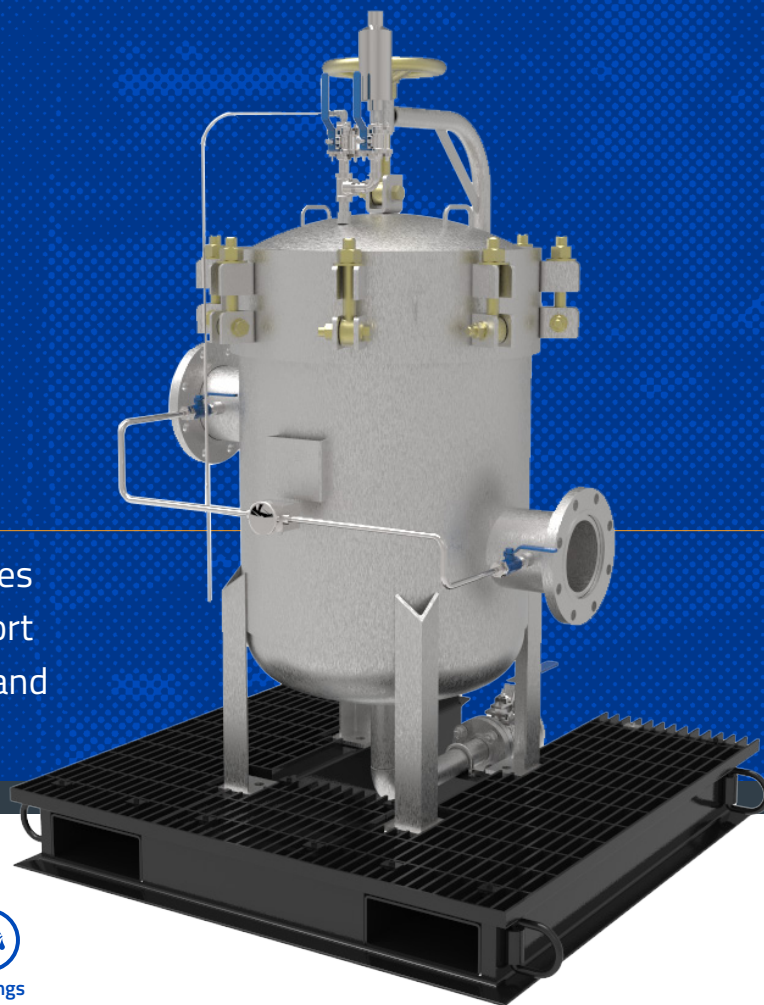


BF SERIES

Skid Packaged Bag Housings

- Side In/Out, Bottom In/Out or Duplex Configurations
- Uses size 2/P2 bag filters
- ASME Design and Stamped

Skid mounted and complete with all accessories these multi-bag housings are available for short term rental, long term rental or for purchase and are suitable for flow rates up to 4,000 GPM.



SUITABLE USES



Air & Gas



Desalination



Coolant



Water



Electronics



Coatings



Oil & Gas



Chemical



Pulp & Paper



Power



Marine



Equipment

COMPATIBLE MEDIA

Accepts multiple P2/size 2 bag filters including **Mera Felt** single layer bags, **Mera Pleat Gold** absolute pleated bags, **POMF** multi-layer bags and more

DESIGN PRESSURE

150 PSIG (10.3bar) @ 400 F (204.4 C)

AVAILABLE MATERIALS

Carbon steel, stainless steel 304 or 316.

INCLUDED FEATURES

- Available with side in/side out, duplex and bottom in/bottom out flange connections.
- Skid mounted for easier mobility from site to site, conveniently sized to pair up multiple for duplexing.
- Epoxy coated skid with fork-lift holes.
- Includes all accessories required for immediate start-up.

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

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HOUSING SPECIFICATIONS

Inlet/Outlet	RF Flange, size determined by vessel size
Clean Drain (1), Dirty Drain (1), Vent (1)	2" NPT
Gauges (2)	1/2" NPT
Closure	Swing bolt closure
Headlift	Mechanical davit up to model 15-1875 Hydraulic davit for 17-2125 and larger
Lid Seal	Buna-N o-ring (standard) EPDM, Viton, TEV optional
Basket MOC	SS304 for CS and S4 SS316 for S6 1/8' on 3/16' perf
Certifications	U Stamp, ASME Section VIII, Div. I

PRESSURE & TEMPERATURE DESIGNATION

DESIGNATION	MOC	PSI	TEMP (°F)	ANSI RATING
PT1	CS	285	100	ANSI 150
	SS304/SS316	270		
PT2*	CS	200	400	ANSI 150
	SS304/SS316	190		

Table based on ANSI flange ratings. Fil-Trek will design based on application pressure and temperature requirements. Max temperature may be limited to gasket material.
*Standard design is PT2

MAX. RECOMMENDED FLOW RATE*

BAG TYPE	FLOW RATE PER BAG
w/ Baskets Only	187.5 GPM
w/ 100um Bags	135 GPM
w/ 50um Bags	125 GPM
w/ 10um Bags	95 GPM
w/ 1um Bags	65 GPM

Flow rates are based on 50 micron bags filtering ambient water. Use the table above to calculate recommended flow rate when using different micron ratings.

SKID PACKAGE OPTIONS



OPTION 1 | STANDARD

INCLUDED ACCESSORIES

- Gauges | DP Gauge & switch, mounted w/ ball valves
- Vent ball valves | w/ bleed line
- Drain ball valves | Clean and dirty
- Air eliminator | Up to 600 PSIG @ 100 °F



OPTION 2 | SK1

INCLUDED ACCESSORIES

- Gauges | Direct reading gauge
- Vent ball valves
- Drain ball valves

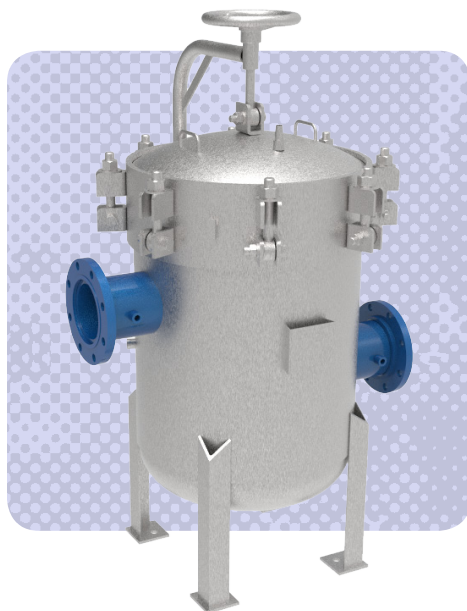
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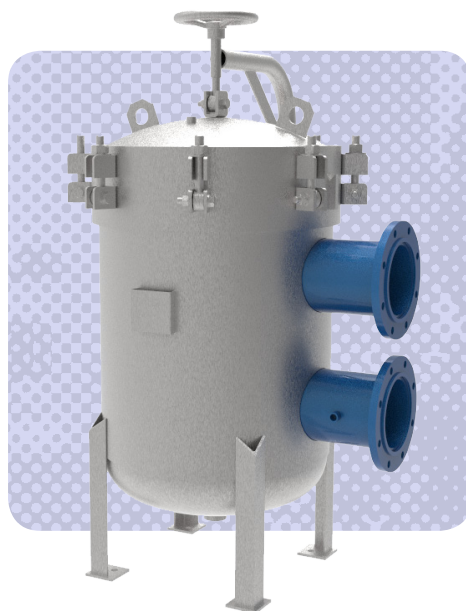
INLET/OUTLET CONFIGURATION OPTIONS



CONFIGURATION A

SIDE IN/SIDE OUT ON OPPOSITE SIDE

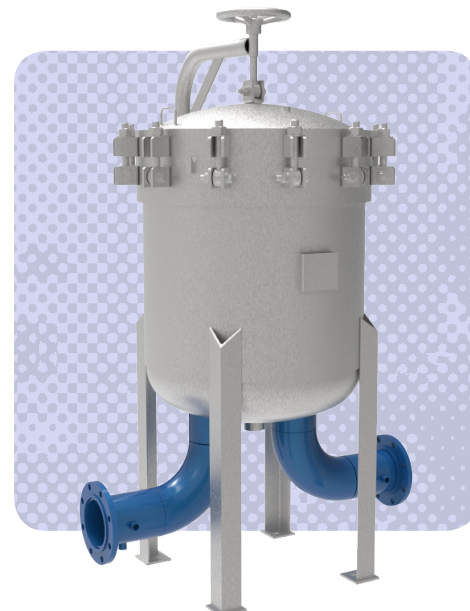
Suitable for in-line multi-skid setup



CONFIGURATION D

SIDE IN/SIDE OUT ON SAME SIDE

Suitable for in-line duplexing setup



CONFIGURATION B

BOTTOM IN/BOTTOM OUT

Suitable for in-line multi-skid setup

PRODUCT NOMENCLATURE

BF A		10-1250	S4	PT2	SK1	
SERIES NAME	INLET/OUTLET CONFIG. STYLE	# OF BAGS	FLOW RATE	MOC	DESIGN PRESSURE	ADDITIONAL OPTIONS
BF - BF Series	A - Side in/out D - Same side in/out B - Bottom in/out	See Model Dimensions and Flow Rates table		Blank - CS S4 - SS304 S6 - SS316	See Pressure/Temperature Designation table	Blank - Complete skid pkg w/ DP gauge & switch, vent/drain ball valves w/ bleed lines and air eliminator. Skid w/ 4 pt lift and 2-way fork. SK1 - Skid pkg w/ direct reading gauges, vent/ball valves. Skid w/ 4 pt lift & 2-way fork and containment railing. V2 - Isolation butterfly valves for inlet/outlet

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MODEL DIMENSIONS AND FLOW RATES

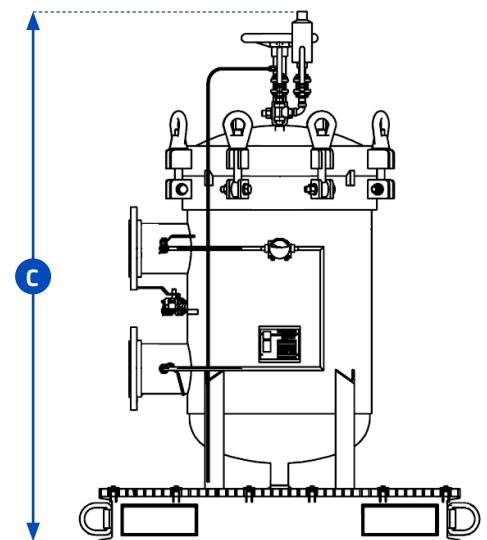
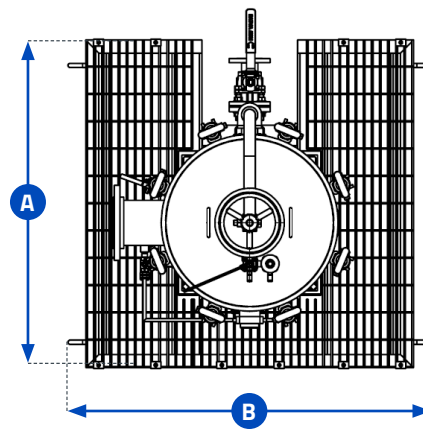
MODEL	# OF BAGS	FLOW RATE	FLANGE SIZE	BODY DIAMETER		AVAILABILITY			DIMENSIONAL DETAILS		
				LP	BMB	BFA	BFD	BFB	A	B	C
02-250	2	250	4"	16"	16"	■	■	■	32"	32"	72"
03-375	3	375	4"	18"	18"	■	■	■	32"	32"	72"
04-500	4	500	4"	20"	22"	■	■	■	48"	48"	72"
05-625	5	625	6"	22"	N/A	■	■	N/A	48"	48"	76"
06-750	6	750	6"	N/A	24"	N/A	N/A	■	48"	48"	76"
07-875	7	875	6"	24"	26"	■	■	■	48"	48"	82"
08-1000	8	1,000	8"	28"	30"	■	■	■	54"	54"	83"
10-1250	10	1,250	8"	30"	32"	■	■	■	54"	54"	85"
11-1375	11	1,375	8"	32"	N/A	■	■	N/A	54"	54"	87"
12-1500	12	1,500	8"	34"	34"	■	■	■	54"	54"	87"
14-1750	14	1,750	10"	36"	N/A	■	■	N/A	54"	54"	88"
15-1875	15	1,875	10"	N/A	38"	N/A	N/A	■	60"	60"	88"
17-2125	17	2,125	10"	38"	40"	■	■	■	60"	60"	89"
18-2250	18	2,250	12"	40"	N/A	■	■	N/A	60"	60"	89"

Dimensional details above are reference only. All quotes are complete with certified drawing which indicate accurate dimensions and weight. Alternative sizes may be available. please contact Fil-Trek. Flow rates based on 50 micron bag filters at 125 GPM.

■ = Available rental size, SS304 and SS16 only

CHART LEGEND

- A** OVERALL WIDTH
- B** OVERALL LENGTH
- C** OVERALL HEIGHT



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