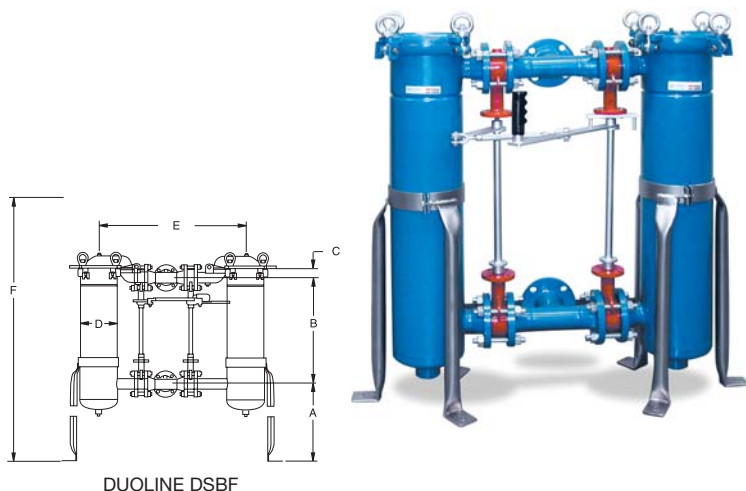




DUOLINE™ Filter Housings

Duplex units for continuous filtration processes.

The DUOLINE bag filter system consists of two bag filter housings (SIDELINE housing or TOPLINE housing) fitted together at the inlet and outlet by either a butterfly or ball valve assembly. Valve assemblies are connected together by a center post handle assembly in order to guarantee a synchronised change from filter A to filter B. A quick turn of the handle diverts the flow from one filter housing to the other. The filtration process runs continuously during bag change-outs.

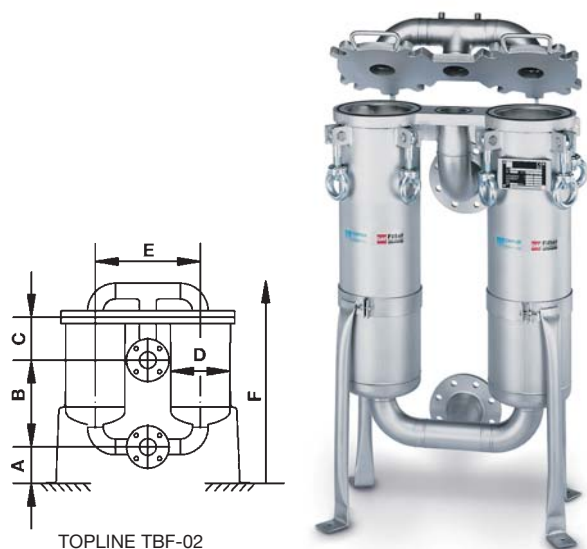
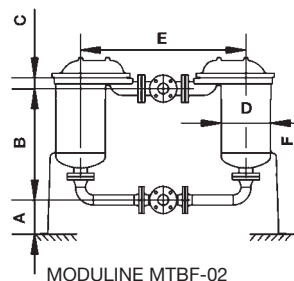
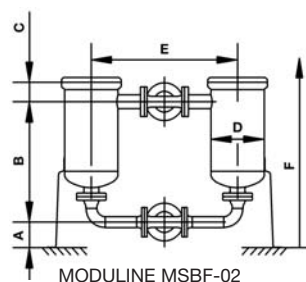
See page 5 for dimensions.

MODULINE™ Filter Housings

Double or modular multibag unit for larger flow rates.

The MODULINE filter housings are multibag units assembled from two or more standard SIDELINE (MSBF) or TOPLINE (MTBF) housings using standard elbows, manifolds or T-Pipe modules. The MODULINE filter concept offers greater flexibility, capacity can be easily increased by adding further modules. MODULINE housings are fabricated to customer specifications.

See page 5 for dimensions.



TOPLINE™ Dual Filter Housings

Compact 2-bag unit with single cover-lid.

The TOPLINE TBF-02 filter housing combines the advantages of the TOPLINE housing series with a compact 2-bag design. Features a single cover-lid, eye-bolt closure and standard adjustable leg assembly.

See page 5 for dimensions.

TECHNICAL DATA

LENNTECH

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SERIES	Type*	No. Of Bags		Bag Size	Max. Flow 2 GPM	Material 1	Max. Allowable Pressure		Max. Allowable Temperature**		Housing Volume	Housing Weight	Inlet Outlet Connection	Type	Vent 4	Dimensions In Inches						
		PSI	°F				GAL	LBS	°F	°C						A	B	C	D	E	F	
MAXILINE VMBF SE	VMBF-0402-AB10-040A-UT-11SE	4	2	400	SS	150	250	69	484	4"	Flanged	1"	6.00	20.00	10.50	22.00	15.75	68.00				
	VMBF-0602-AB10-060A-UT-11SE	6	2	900	SS	150	250	139	983	6"	Flanged	1"	7.25	20.00	13.00	31.50	20.75	80.00				
	VMBF-0802-AB10-080A-UT-11SE	8	2	1750	SS	150	250	141	1023	8"	Flanged	1"	8.25	19.00	12.80	31.50	20.50	80.00				
MAXILINE MBF HE	MBF-0302-AB10-030A-UT-11HE	3	2	230	SS or CS	150	250	40	245	3"	Flanged	1"	6.00	22.50	6.40	18.00	12.75	60.00				
	MBF-0402-AB10-040A-UT-11HE	4	2	400	SS or CS	150	250	69	380	4"	Flanged	1"	6.00	22.20	7.40	24.00	16.00	68.40				
	MBF-0602-AB10-060A-UT-11HE	6	2	900	SS or CS	150	250	90	440	6"	Flanged	1"	7.50	19.50	9.03	24.00	16.50	68.80				
	MBF-0802-AB10-080A-UT-11HE	8	2	1750	SS or CS	150	250	116	644	8"	Flanged	1"	8.25	19.00	6.48	30.00	20.50	79.50				
MAXILINE MBF HD	MBF-0302-AB10-030A-UT-11HD	3	2	230	SS or CS	150	250	40	255	3"	Flanged	1"	6.00	22.50	6.40	18.00	12.75	66.00				
	MBF-0402-AB10-040A-UT-11HD	4	2	400	SS or CS	150	250	54	390	4"	Flanged	1"	6.00	22.20	7.80	24.00	16.00	68.00				
	MBF-0602-AB10-060A-UT-11HD	6	2	900	SS or CS	150	250	95	460	6"	Flanged	1"	7.00	20.00	9.80	26.00	18.50	68.00				
	MBF-0802-AB10-080A-UT-11HD	8	2	1750	SS or CS	150	250	140	655	8"	Flanged	1"	8.25	19.00	10.78	30.00	20.50	66.00				
	MBF-1002-AB10-100A-UT-11HD	10	2	2600	SS or CS	150	250	215	1400	10"	Flanged	1"	10.00	17.00	13.30	36.00	24.50	70.00				
	MBF-1202-AB10-100A-UT-11HD	12	2	2600	SS or CS	150	250	245	1500	10"	Flanged	1"	10.00	17.00	13.80	38.00	24.50	72.00				
	MBF-1402-AB10-100A-UT-11HD	14	2	2600	SS or CS	150	250	311	1800	10"	Flanged	1"	11.50	20.00	11.81	42.00	28.00	76.00				
	MBF-1602-AB10-120A-UT-11HD	16	2	3500	SS or CS	150	250	317	1875	12"	Flanged	1"	11.50	20.00	11.81	42.00	28.00	76.00				
	MBF-1802-AB10-120A-UT-11HD	18	2	3500	SS or CS	150	250	446	2420	12"	Flanged	1"	12.50	22.00	10.69	48.00	31.00	88.00				
	MBF-2002-AB10-140A-UT-11HD	20	2	4500	SS or CS	150	250	454	2505	14"	Flanged	1"	12.50	22.00	10.69	48.00	31.00	88.00				
	MBF-2202-AB10-140A-UT-11HD	22	2	4500	SS or CS	150	250	570	2730	14"	Flanged	1"	12.50	22.00	13.44	52.00	33.00	92.00				
	MBF-2402-AB10-140A-UT-11HD	24	2	4500	SS or CS	150	250	570	2800	14"	Flanged	1"	12.50	22.00	13.44	52.00	33.00	92.00				
TOPLINE	TBF-0101-AB10-020A	1	1	90	SS or CS	150	400	3.5	80	2"	Flanged	1/4"	17.70	15.50	1.93	8.62	12.08	53.50				
	TBF-0102-AB10-020A	1	2	180	SS or CS	150	400	7.25	93	2"	Flanged	1/4"	17.70	31.00	1.93	8.62	12.08	84.25				
	TBF-0102-AB10-020R-M32B0	1	2	180	SS	150	400	7.25	93	2"	Tri-Clamp	1/4"	15.80	32.78	1.93	8.62	12.83	84.25				
SIDELINE	SBF-0101-AB10-020A	1	1	90	SS	150	400	4.75	84	2"	Flanged	1/4"	17.70	19.50	3.15	8.62	8.66	54.70				
	SBF-0101-AB10-030A	1	1	90	SS	150	400	4.75	84	3"	Flanged	1/4"	17.70	19.50	3.15	8.62	8.66	54.70				
	SBF-0102-AB10-020A	1	2	180	SS	150	400	8.5	102	2"	Flanged	1/4"	17.70	35.00	3.15	8.62	8.66	85.50				
	SBF-0102-AB10-030A	1	2	180	SS	150	400	8.5	102	3"	Flanged	1/4"	17.70	35.00	3.15	8.62	8.66	85.50				
	SBF-0103-AB21-015N	1	3	25	SS	300	225	0.5	26	1 1/2"	NPT	1/4"	na	11.77	2.95	4.50	3.50	21.80				
	SBF-0104-AB21-015N	1	4	50	SS	300	225	0.7	29	1 1/2"	NPT	1/4"	na	17.87	2.95	4.50	3.50	33.90				
DUOLINE	TOPLINE	2	2	180	SS or CS	150	250	16	240	2"	Flanged	1/4"	17.70	24.50	1.93	8.62	37.45	84.25				
	SIDELINE	2	2	180	SS	150	250	16	300	2"	Flanged	1/4"	17.70	27.50	3.15	8.62	30.82	85.50				
	SIDELINE	2	2	180	SS	150	250	17	330	3"	Flanged	1/4"	17.70	27.50	3.15	8.62	33.32	85.50				
	FLOWLINE	2	2	180	SS or CS	150	250	15	200	2"	Flanged	1/4"	17.70	28.44	3.34	7.68	37.45	85.50				
MODULELINE	TOPLINE	1+1	2	360	SS or CS	150	250	16	230	2"	Flanged	1/4"	17.70	24.50	1.93	8.62	34.32	84.25				
	SIDELINE	1+1	2	360	SS	150	250	16	230	2"	Flanged	1/4"	17.70	27.50	3.15	8.62	27.44	85.50				
	SIDELINE	1+1	2	360	SS	150	250	17	300	3"	Flanged	1/4"	17.70	27.00	3.15	8.62	29.70	85.50				
	FLOWLINE	1+1	2	360	SS or CS	150	250	15	170	2"	Flanged	1/4"	17.70	28.44	3.34	7.68	26.64	85.50				
POLYLINE	PBF-0101-PO10-020A	1	1	50	PPL	150	70	6.6	55	2"	Flanged	1/4"	3.26	20.75	3.38	10.35	8.50	60.00				
	PBF-0101-PO10-020N	1	1	50	PPL	150	70	6.6	51	2"	NPT	1/4"	3.26	20.75	3.38	10.35	6.14	60.00				
	PBF-0102-PO10-020A	1	2	100	PPL	150	70	9.5	68	2"	Flanged	1/4"	3.26	36.75	3.38	10.35	8.50	76.00				
	PBF-0102-PO10-020N	1	2	100	PPL	150	70	9.5	64	2"	NPT	1/4"	3.26	36.75	3.38	10.35	6.14	76.00				
	PBF-0102-PF07-020A	1	2	100	PVDF	100	80	9.5	100	2"	Flanged	1/4"	3.26	36.00	3.88	10.35	8.50	75.25				
	D-PBF-0101-PO10-020A	1+1	1	50	PPL/CPVC	150	70	14.5	162	2"	Flanged	1/4"	6.10	39.04	3.88	10.35	30.00	75.10				
	D-PBF-0101-PO10-020N	1+1	2	100	PPL/CPVC	150	70	20.6	190	2"	Flanged	1/4"	6.10	55.04	3.88	10.35	30.00	91.10				
FLOWLINE	FBF-0101-AB10-020A	1	1	90	SS or CS	150	250	4	30	2"	Flanged	1/4"	17.70	20.75	3.34	7.68	6.70	54.90				
	FBF-0101-AB10-020N	1	1	90	SS or CS	150	250	4	30	2"	NPT	1/4"	17.70	19.64	3.34	7.68	5.37	54.90				
	FBF-0102-AB10-020A	1	2	180	SS or CS	150	250	7	43	2	Flanged	1/4"	17.70	36.31	3.34	7.68	6.70	85.70				
	FBF-0102-AB10-020N	1	2	180	SS or CS	150	250	7	43	2"	NPT	1/4"	17.70	35.19	3.34	7.68	5.37	85.70				
ECOLINE	EBF-0101-AB10-020N	1	1	90	SS	100	250	4	25	2"	NPT	1/4"	na	19.64	3.24	7.68	5.37	37.00				
	EBF-0102-AB10-020N	1	2	180	SS	100	250	7	38	2"	NPT	1/4"	na	35.19	3.24	7.68	5.37	68.00				
	EBF-0103-AB10-015N	1	3	25	SS	150	250	0.5	9	1 1/2"	NPT	1/4"	na	11.77	2.78	4.50	3.50	22.45				
	EBF-0104-AB10-015N	1	4	50	SS	150	250	0.7	11	1 1/2"	NPT	1/4"	na	17.87	2.78	4.50	3.50	33.84				

1) SS = Austenitic Stainless Steel SS 316 and CF8M or better
2) Maximum theoretical flow based on water viscosity, bag specific
3) Dimensions for reference only and approximate. Exact dimensions for installation purposes available on request.
4) For details, see available product specific data sheet

* Type number is for stainless steel construction. Change AB to CS for carbon steel.

** Depending on seal material

Product Codes							
D	MBF	04	02	AC	10	050	D
D-DUOLINE M-MODULELINE	VMBF-MAXILINE MBF-MAXILINE TBF-TOPLINE SBF-SIDELINE PBF-POLYLINE FBF-FLOWLINE EBF-ECOLINE	No. of bags 01-short 7" 04, 08, 12, 16, 20, 24	Bag Size 01-short 7" 02-long 7" 03-short 4" 04-long 4"	Material AB-SS316 CS-Carbon Steel PO-Polypropylene PF-PVDF	Pressure rating 10-150 psi 21-300 psi	Connection Size 050-1/2" 010-1" 012-1 1/4" 015-1 1/2" 020-2" Up to 140-14"	Connection Type A-ANSI Flange N-NPT Female Thread