

IN-LINE STAINLESS STEEL HOUSINGS

Features:

- 316L Stainless Steel Construction
- Integral Support Core
- Uniform Body – Ideal For Heating Jacket
- Ideal Last Chance Filter
- Protect Stack Gas Analyzers
- Available In Hastelloy, Monel, Etc.



In-line Filter Housings are suitable for particulate removal, in systems which require long service intervals. They should not be used on coalescing applications and will not accept adsorption cartridges.

They are ideal for applications with low flow or relatively clean systems with minimum space availability. Traditionally, this In-line series is used for cylinder (bottled) gas filtration or as a last chance filter preceded by a larger pre-filter. The uniform body also makes them ideal for heated systems, since a jacket can be easily attached and heat distribution is dispersed equally to the filter element inside.

Applications:

- Stack Gas Analyzer Protection
- Heated Line Filter
- Emission / Environmental

PRINCIPLE SPECIFICATIONS

Housing Model	1161L	1261L	1361L	1461L
Port Size (NPT)	1/4"	1/4"	1/2"	1/2"
Maximum Pressure (psig) (1)	5000	5000	1500	1500
Internal Volume (cc)	18	28	100	260
Maximum Temp. -Buna-N (250°F)	BN126IL-3	BN126IL-3	BN136IL-3	BN136IL-3
Maximum Temp. -EPDM (300°F)	GE126IL-3	GE126IL-3	GE136IL-3	GE136IL-3
Maximum Temp. -Viton (400°F)	GV126IL-3	GV126IL-3	GV136IL-3	GV136IL-3
Maximum Temp. -Silicone (450°F)	GS126IL-3	GS126IL-3	GS136IL-3	GS136IL-3
Maximum Temp. -Kalrez (600°F)	KZ126IL-3	KZ126IL-3	KZ136IL-3	KZ136IL-3
Principle Dimensions: (inches)				
Body Diameter	1.39	1.39	1.89	1.89
Overall Length	3.11	4.05	4.84	9.33
Element Removal Clearance	2.00	3.65	3.58	8.07
Filter Element Codes: (2)				
Disposable Element	12-32-□	12-57-□	25-64-□	25-178-□
Stainless Steel Element	SS-12-32-□	SS-12-57-□	SS-25-64-□	SS-25-178-□
PEL Element	PEL-12-32-□	PEL-12-57-□	PEL-25-64-□	PEL-25-178-□
PTFE Element	PT-12-32-□	PT-12-57-□	PT-25-64-□	PT-25-178-□
Materials Of Construction: (3)				
Body & Internals	316LSS	316LSS	316LSS	316LSS
O-Rings (Standard)	Viton	Viton	Viton	Viton

FLOW RATE IN SCFM FOR ABOVE ASSEMBLIES WITH GRADE 50C ⁽⁴⁾ or 70C ⁽⁵⁾

Air Line Pressure (PSIG)	1161L Series		1261L Series		1361L Series		1461L Series	
	50K	70K	50K	70K	50K	70K	50K	70K
15	2	6	3	7	6	11	10	13
30	3	9	4	10	8	16	15	19
60	4	14	7	17	13	26	25	32
100	6	23	11	27	21	44	40	50
150	9	31	15	36	29	58	55	68
250	13	47	23	56	45	89	83	106
500	25	91	44	108	87	173	163	209
1500	76	279	133	330	282	524	488	627
3000	151	557	265	659	-	-	-	-
5000	256	940	468	1118	-	-	-	-

- Notes: (1) At 400°F. Above 400°F pressure ratings are reduced – consult UFS for exact rating
 (2) Replace '□' with grade required, e.g. 25-64-50C, PT-25-178-03
 (3) Material abbreviations, 316LSS = 316L Stainless Steel
 (4) Flow rates for Grade 50K rated at 99.99% against 0.01 micron
 (5) Flow rates for Grade 70K rated at 95% against 0.01 micron



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