

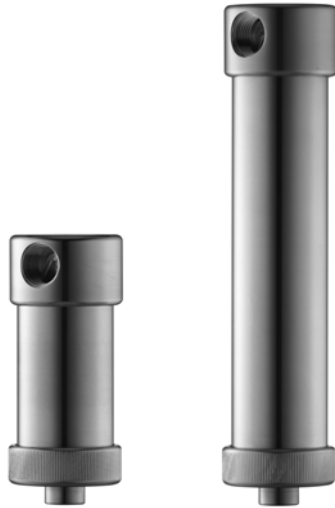
LOW PRESSURE STAINLESS STEEL HOUSINGS

Features:

- Low Cost Design For Low Pressure Applications
- All 316L Stainless Steel
- 1/4" NPT Drain (Standard)
- Available In Hastelloy, Monel, Etc.

Applications:

- Sample Process Filtration
- Emission / Environmental Service
- Gas Analysis Protection
- Low Pressure Service



Our low-pressure stainless steel housings are ideal for gas analysis, emissions, CEM and sample process filter applications where continual monitoring is required. Although all the stainless steel housings eliminate the monitoring capabilities, they do provide a cost effective filter solution to systems requiring all stainless wetted parts.

The housings have minimal annular volume to reduce lag time and carry over. The 1/4" drain port in the base, also allows these housings to be utilized as by-pass and slipstream filters.

PRINCIPLE SPECIFICATIONS

Housing Model	137	138	147	148
Port Size (NPT)	1/4"	1/2"	1/4"	1/2"
Drain Type (NPT)	1/4"	1/4"	1/4"	1/4"
Maximum Pressure (psig)	150	150	150	150
Internal Volume (cc)	110	110	250	250
Maximum Temp. -Buna-N (250°F)	BN137	BN137	BN137	BN137
Maximum Temp. -EPDM (300°F)	GE137	GE137	GE137	GE137
Maximum Temp. -Viton (400°F)	GV137	GV137	GV137	GV137
Maximum Temp. -Silicone (450°F)	GS137	GS137	GS137	GS137
Maximum Temp. -PTFE (400°F)	GP137	GP137	GP137	GP137
Maximum Temp. -Kalrez (600°F)	KZ137	KZ137	KZ137	KZ137
Principle Dimensions: (inches)				
Center Of Port To Head	0.59	0.59	0.59	0.59
Head Diameter	2.20	2.20	2.20	2.20
Overall Length	5.15	5.15	9.64	9.64
Element Removal Clearance	2.76	2.76	7.28	7.28
Filter Element Codes: (1)				
Disposable Element	25-64-□	25-64-□	25-178-□	25-178-□
Stainless Steel Element	SS-25-64-□	SS-25-64-□	SS-25-178-□	SS-25-178-□
PEL Element	PEL-25-64-□	PEL-25-64-□	PEL-25-178-□	PEL-25-178-□
PTFE Element	PT-25-64-□	PT-25-64-□	PT-25-178-□	PT-25-178-□
Materials Of Construction: (2)				
Head & Internals	316LSS	316LSS	316LSS	316LSS
Bowl	316LSS	316LSS	316LSS	316LSS
O-Rings (Standard)	Viton	Viton	Viton	Viton
Accessories:				
Mounting Bracket	MBSS130	MBSS130	MBSS130	MBSS130
Support Core	SC130	SC130	SC140	SC140

FLOW RATE IN SCFM FOR ABOVE ASSEMBLIES WITH GRADE 50C ⁽³⁾ or 70C ⁽⁴⁾

Air Line Pressure (PSIG)	137 Series		147 Series	
	50C	70C	50C	70C
2	3	6	6	8
15	6	11	10	13
30	8	16	15	19
60	13	26	25	32
80	18	38	35	44
100	21	44	40	50
150	29	58	55	68

- Notes: (1) Replace '□' with grade required, e.g. 25-64-50C, PT-25-178-03
 (2) Material abbreviations, 316LSS = 316L Stainless Steel
 (3) Flow rates for Grade 50C rated at 99.99% against 0.01 micron
 (4) Flow rates for Grade 70C rated at 95% against 0.01 micron



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