

STAINLESS STEEL HOUSINGS WITH PYREX GLASS BOWLS

Features:

- Low Cost Design For Low Pressure Applications
- 316L Stainless Steel
- Pyrex Bowl For At A Glance Observations
- 1/4" NPT Drain (Standard)
- Available in Hastelloy, Monel, Etc.

Applications:

- Sample Process Filtration
- Emission / Environmental Service
- Gas Analysis Protection
- Low Pressure Service
- Point-Of-Use Monitors



Our low-pressure stainless steel housings are ideal for gas analysis, emissions, CEM and sample process filter applications where continual monitoring is required. The Pyrex glass "G" bowl provides a full view of the element making visual checks fast and simple. Although all the stainless steel housings (designated w/o "G") 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	117G	127G	137G	138G	147G	148G
Port Size (NPT)	1/4"	1/4"	1/4"	1/2"	1/4"	1/2"
Drain Type (NPT)	1/8"	1/8"	1/4"		1/4"	
Maximum Pressure (psig)	100	100	100		100	
Internal Volume (cc)	29	39	110		250	
Maximum Temp. -Buna-N (250°F)	BN127G	BN127G	BN137		BN137	
Maximum Temp. -EPDM (300°F)	GE127G	GE127G	GE137		GE137	
Maximum Temp. -Viton (400°F)	GV127G	GV127G	GV137		GV137	
Maximum Temp. -Silicone (450°F)	GS127G	GS127G	GS137		GS137	
Maximum Temp. -PTFE (400°F)	GP127G	GP127G	GP137		GP137	
Maximum Temp. -Kalrez (600°F)	KZ127G	KZ127G	KZ137		KZ137	
Principle Dimensions: (inches)						
Center Of Port To Head	0.47	0.47	0.59		0.59	
Head Diameter	1.58	1.58	2.20		2.20	
Overall Length	3.26	4.29	5.15		9.64	
Element Removal Clearance	0.70	1.65	2.76		7.28	
Filter Element Codes: (1)						
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: (2)						
Head & Internals	316LSS	316LSS	316LSS		316LSS	
Bowl	Pyrex	Pyrex	Pyrex		Pyrex	
O-Rings	Viton	Viton	Viton		Viton	
Accessories:						
Mounting Bracket	MBSS110	MBSS110	MBSS130		MBSS130	
Support Core	SC110	SC120	SC130		SC140	

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

Air Line Pressure (PSIG)	110 Series		120 Series		130 Series		140 Series	
	50C	70C	50C	70C	50C	70C	50C	70C
2	1	3	2	4	3	6	6	8
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
80	5	16	9	23	18	38	35	44
100	6	23	11	27	21	44	40	50

- Notes: (1) Replace '□' with grade required, e.g. 25-64-50C, PT-12-57-03
 (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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Partner of Headline Filters

SG117-1 / SG127-1 / SG137-1 / SG147-1