



- Low Cost Design For Low Pressure Applications
- All 316SS, Exotics Available
- Pyrex Bowl For At A Glance Observations
- 1/4" NPT Drain (Standard)



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. A 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	137	138G	138	147G	147	148G	148
Port Size (NPT)	1/4"	1/4"	1/4"	1/4"	1/2"	1/2"	1/4"	1/4"	1/2"	1/2"
Drain Type (NPT)	1/8"	1/8"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
Maximum Pressure (psig)	100	100	100	150	100	150	100	150	100	150
Maximum Temperature(F°)(1)	210	210	210	400	210	400	210	400	210	400
Principle Dimensions: (ins.)										
Center Of Port To Head	0.47	0.47	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59
Head Diameter	1.58	1.58	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
Overall Length	3.26	4.29	4.49	4.49	4.49	4.49	9.06	9.06	9.06	9.06
Element Removal Clearance	0.70	1.65	2.76	2.76	2.76	2.76	7.28	7.28	7.28	7.28
Mounting Holes	M5 x 3/8" deep on 1" centers			←M6 x 1/2" Deep on 1 1/2" centers→						
Filter Element Codes (1):										
Disposable Element (2)	12-32-□	12-57-□	25-64-□	25-64-□	25-64-□	25-64-□	25-178-□	25-178-□	25-178-□	25-178-□
Stainless Steel Element (3)	SS-12-32	SS-12-57	SS-25-64	SS-25-64	SS-25-64	SS-25-64	SS-25-178	SS-25-178	SS-25-178	SS-25-178
PTFE Element	PT-12-32	PT-12-57	PT-25-64	PT-25-64	PT-25-64	PT-25-64	PT-25-178	PT-25-178	PT-25-178	PT-25-178
Materials Of Construction :										
-Head, base & internals	316LSS	316LSS	316LSS	316LSS	316LSS	316LSS	316LSS	316LSS	316LSS	316LSS
-Bowl	Pyrex	Pyrex	Pyrex	316LSS	Pyrex	316LSS	Pyrex	316LSS	Pyrex	316LSS
-Seals	Viton	Viton	Viton	Viton	Viton	Viton	Viton	Viton	Viton	Viton
Accessories										
-Support Core	SC110	SC120	SC130	SC130	SC130	SC130	SC140	SC140	SC140	SC140
-Mounting Bracket	MB110	MB110	MB130	MB130	MB130	MB130	MB130	MB130	MB130	MB130
-Kalrez O-rings	KZ127G	KZ127G	KZ137	KZ137	KZ137	KZ137	KZ137	KZ137	KZ137	KZ137
Internal Volume (cc)	29	39	110	110	110	110	250	250	250	250
Liquid Reserve Volume(cc)	4	4	10	10	10	10	10	10	10	10

Flow Rate At 100psig With Following Elements:	117G	127G	137G	137	138G	138	147G	147	148G	148
99.99% at 0.1 M	50K/50C	6	10	20	20	20	38	38	38	38
98% at 0.1 M	60K/60C	16	21	36	36	36	45	45	45	45
95% at 0.1 M	70K/70C	22	26	41	41	41	48	48	48	48
75% at 0.1 M	80K/80C	25	29	44	44	44	53	53	53	53

- Notes: (1) G-version housings are limited to 210°F (2) Add grade required, e.g. 25-64-50K (3) Add micron rating required, e.g. SS-25-64 (4) Material abbreviations: 316LSS=316L Stainless Steel