



- All 316L Stainless Steel Construction
- Pressure To 5,000 PSIG, Temperature To 900°F
- 2-Port Housings For Particulate Removal
- 3-Port Housings For Coalescing Or Bypass Filtration
- Compact Designs For Fast Response Times
- Available In Hastelloy, Monel, Etc.



The 110 and 120 series of filters are ideal for use with gaseous and liquid sample process analyzers. The small internal volume, compact design, and positive O-ring sealing mechanism make them perfect for demanding analyzer applications. They are constructed entirely of 316L stainless steel and are free of welds to comply with NACE MR-10-75.

These housings are also available with a PTFE seal, which requires a modified sealing design: simply add an "S" to the housing code, e.g. 112S. PTFE seals cannot be retrofitted into standard housings originally having a Viton O-ring. A high temperature gasket can only be fitted into the S version housing.

**PRINCIPLE SPECIFICATIONS**

Housing Model	110	112	114	116	120	122	124	126
Port Size (NPT)	1/8"	1/4"	1/8"	1/4"	1/8"	1/4"	1/8"	1/4"
Drain Type (NPT)	1/8"	1/4"	None	None	1/8"	1/4"	None	None
Maximum Pressure (psig)	5000	5000	5000	5000	5000	5000	5000	5000
Max. Temp. - Viton - 400°F	GV110	GV110	GV110	GV110	GV110	GV110	GV110	GV110
Max. Temp. - PTFE - 400°F	GP110S	GP110S	GP110S	GP110S	GP110S	GP110S	GP110S	GP110S
Max. Temp. - Kalrez - 600°F	KZ110	KZ110	KZ110	KZ110	KZ110	KZ110	KZ110	KZ110
Max. Temp. - Carbon - 900°F	GNA110	GNA110	GNA110	GNA110	GNA110	GNA110	GNA110	GNA110
Principle Dimensions: (ins.)								
Center Of Port To Head	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
Head Diameter	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42
Overall Length	3.23	3.23	3.23	3.23	4.21	4.21	4.21	4.21
Element Removal Clearance	1.57	1.57	1.57	1.57	2.36	2.36	2.36	2.36
Mounting Holes	<-----M5 x 3/8" Deep on 1" centers----->							
Filter Element Codes:								
Disposable Element	12-32-□	12-32-□	12-32-□	12-32-□	12-57-□	12-57-□	12-57-□	12-57-□
Stainless Steel Element	SS-12-32-□	SS-12-32-□	SS-12-32-□	SS-12-32-□	SS-12-57-□	SS-12-57-□	SS-12-57-□	SS-12-57-□
PEL Element	PEL-12-32-□	PEL-12-32-□	PEL-12-32-□	PEL-12-32-□	PEL-12-57-□	PEL-12-57-□	PEL-12-57-□	PEL-12-57-□
PTFE Element	PT-12-32-□	PT-12-32-□	PT-12-32-□	PT-12-32-□	PT-12-57-□	PT-12-57-□	PT-12-57-□	PT-12-57-□
Materials Of Construction:								
-Head, internals & bowl	316LSS	316LSS	316LSS	316LSS	316LSS	316LSS	316LSS	316LSS
-Seals	Viton	Viton	Viton	Viton	Viton	Viton	Viton	Viton
Accessories								
-Support Core	SC110	SC110	SC110	SC110	SC120	SC120	SC120	SC120
-Mounting Bracket	MB110	MB110	MB110	MB110	MB110	MB110	MB110	MB110
PTFE Seal Set	<-----Insert 'S' after model number selected----->							
Internal Volume (cc)	20	20	20	20	30	30	30	30

- Notes: (1) At 400°F. Above 400°F pressure ratings are reduced, consult UFS for exact rating at any specific temperature  
 (2) Using standard viton seals. Maximum temperature is 900°F using high temperature gasket  
 (3) Add grade required, e.g. 12-32-70C  
 (4) Add micron rating required, e.g. SS-12-32-03T  
 (5) Material abbreviations: 316LSS = 316L Stainless Steel