



PTFE Filter Housings

PRODUCT FEATURES / BENEFITS

- ◆ PTFE & PTFE / Pyrex Glass Construction
- ◆ Viton O-Ring Standard
- ◆ Pyrex Glass Allows Instant Monitoring
- ◆ Stainless Steel Head Band for Added Strength
- ◆ Corrosive Applications
- ◆ Environmental Service
- ◆ Caustic Applications

PTFE filter housings are engineered specifically for applications requiring exceptional chemical resistance and minimal adsorption. These housings support a range of filter elements for both gaseous and liquid filtration.

Element Compatibility:

- Disposable Fluorocarbon Elements
 - For coalescing and particulate filtration.
- Sintered PTFE Elements
 - For particulate filtration only.

Construction Features:

- Standard O-rings: Viton®
- Recommended O-rings for aggressive chemicals: Kalrez®
- Optional Pyrex® Glass Bowl:
 - Allows visual inspection of the filtration process.

Filtration Applications:

- Media: Gases or liquids.
- Element Selection: Determined by service type (coalescing vs. particulate).
- PTFE Elements in Liquid Service:
 - Flow direction: Outside-to-inside
 - Benefits:
 - Integral support core enhances structural integrity.
 - Enables visual monitoring of element condition.

Please keep in mind that the maximum pressure is 100 PSIG and the maximum temperature is 300°F regardless of O-ring material. **We also offer exotics such as Monel, Hastelloy, Titanium and others which provide higher temperature and pressure ratings.**



Housing Model	120P	122P	120PG	122PG
Port Size (NPT)	1/8"	1/4"	1/8"	1/4"
Drain Type (NPT)	1/8"	1/4"	1/8"	1/8"
Maximum Pressure (psig)	100	100	100	100
Internal Volume (cc)	35	35	81	81
Weight of Housing (lbs)	0.5	0.5	1.0	1.0
Principle Dimensions: (inches)				
Center Of Port To Head	0.39	0.39	0.59	0.39
Head Diameter	1.69	1.69	1.97	1.69
Overall Length	3.86	3.86	4.33	3.86
Element Removal Clearance	2.44	2.44	2.44	2.44
Maximum Temp. (400°F) Standard Viton O-Ring	GV120P	GV120P	GV120PG	GV120PG
Filter Element Codes: (1) Disposable Element (Standard) **Other Elements Available-View Drawing**	12-57-□	12-57-□	12-57-□	12-57-□
Drawing **For More Detail & Options**	<u>120P</u>	<u>122P</u>	<u>120PG</u>	<u>122PG</u>

Notes: (1) Replace '□' with grade required, e.g. 12-57-50C, PT-12-57-03

Housing Model	130P	132P	130PG	132PG	140P	142P
Port Size (NPT)	1/4"	1/2"	1/4"	1/2"	1/4"	1/2"
Drain Type (NPT)	1/4"	1/4"	1/8"	1/8"	1/4"	1/4"
Maximum Pressure (psig)	100	100	100	100	100	100
Internal Volume (cc)	85	85	147	147	260	260
Weight of Housing (lbs)	1.0	1.0	2.0	2.0	3.0	3.0
Principle Dimensions: (inches)						
Center Of Port To Head	0.59	0.59	0.59	0.59	0.59	0.59
Head Diameter	2.48	2.48	2.95	2.95	2.48	2.48
Overall Length	4.80	4.80	5.00	5.00	9.29	9.29
Element Removal Clearance	2.76	2.76	2.76	2.76	7.24	7.24
Maximum Temp. (300°F) Standard Viton O-Ring	GV120P	GV130P	GV130PG	GV130PG	GV140P	GV140P
Filter Element Codes: (1) Disposable Element (Standard) **Other Elements Available-View Drawing**	25-64-□	25-64-□	25-64-□	25-64-□	25-178-□	25-178-□
Drawing **For More Detail & Options**	<u>130P</u>	<u>132P</u>	<u>130PG</u>	<u>132PG</u>	<u>140P</u>	<u>142P</u>

Notes: (1) Replace '□' with grade required, e.g. 25-64-50C, PT-25-178-03