



Stainless Steel Process Housings

PRODUCT FEATURES / BENEFITS

- ◆ 316L Stainless Steel Construction
- ◆ 1,500 PSIG / 400°F - Standard
- ◆ 6,000 PSIG Rated & Flanges Available
- ◆ 3-Port Housings for Coalescing
- ◆ Particulate and Bypass Filtration
- ◆ CNG Filtration
- ◆ Blow Molding Equipment
- ◆ Gas Production
- ◆ Mechanical Seal Filter
- ◆ LNG (Liquified Natural Gas) / NGL (Natural Gas Liquids) Filter

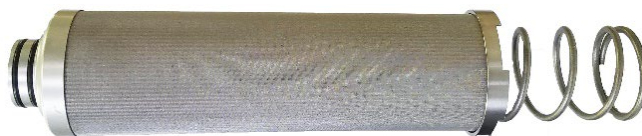
Our Gas and Liquid Process Filters protect equipment from sample impurities by removing solids and liquids with up to 99.999% efficiency at 0.01 micron. This series is also suitable for liquid sample process applications when used with pleated liquid elements or stainless steel elements, achieving efficiencies as fine as 1 micron in liquids.

To meet the diverse requirements of process sample filtration, a complete line of filter elements is available in stainless steel, polypropylene, and other corrosion-resistant materials. High-efficiency borosilicate microfiber elements, inert to most liquids and gases, are also offered for applications requiring exceptional chemical compatibility and filtration performance.



Spring Loaded Element Option (4401 Style)

Our 150–162 series housings (3/4"–2" line size) are also available with a positive push-in type filter element, ideal for systems experiencing significant pressure variations or requiring particulate removal. Unlike conventional designs that use a tie-rod to retain the element, these housings feature elements with end caps bonded or welded in place, providing a robust and reliable fit under demanding conditions. This design also offers compatibility with a broader range of element types. **Spring-loaded and positive-seal versions are designated by the 4401 suffix.**



Housing Model	150	151	152	150-4401	151-4401	152-4401
Port Size (NPT)	1"	1 1/2"	2"	1"	1 1/2"	2"
Drain Type (NPT)	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
Maximum Pressure (psig)	1500	1500	1500	1500	1500	1500
Internal Volume (cc)	1350	1350	1350	1350	1350	1350
Weight of Housing (lbs)	22.0	22.0	22.0	22.0	22.0	22.0
Principle Dimensions: (inches)						
Center Of Port To Head	1.18	1.85	1.61	1.18	1.85	1.61
Head Diameter	4.33	4.33	4.57	4.33	4.33	4.57
Overall Length	15.04	15.04	15.83	15.04	15.04	15.83
Element Removal Clearance	9.72	9.72	9.72	9.72	9.72	9.72
Maximum Temp. (400°F) Standard Viton O-Ring	GV150	GV150	GV150	GV150	GV150	GV150
Filter Element Codes: (1) Disposable Element (Standard) *Other Elements Available- View Drawing	51-230-□	51-230-□	51-230-□	SL-51-230-□	SL-51-230-□	SL-51-230-□
Drawing **For More Detail & Options**	<u>150</u>	<u>151</u>	<u>152</u>	<u>150-4401</u>	<u>151-4401</u>	<u>152-4401</u>

Notes: (1) Replace '□' with grade required, e.g. 51-230-50CS

Housing Model	160	161	162	160-4401	161-4401	162-4401
Port Size (NPT)	1"	1 1/2"	2"	1"	1 1/2"	2"
Drain Type (NPT)	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
Maximum Pressure (psig)	1500	1500	1500	1500	1500	1500
Internal Volume (cc)	2400	2400	2400	2400	2400	2400
Weight of Housing (lbs)	38.0	38.0	38.0	38.0	38.0	38.0
Principle Dimensions: (inches)						
Center Of Port To Head	1.18	1.85	1.61	1.18	1.85	1.61
Head Diameter	4.33	4.33	4.57	4.33	4.33	4.57
Overall Length	24.49	24.49	25.27	24.49	24.49	25.27
Element Removal Clearance	19.37	19.37	19.37	19.37	19.37	19.37
Maximum Temp. (400°F) Standard Viton O-Ring	GV150	GV150	GV150	GV150	GV150	GV150
Filter Element Codes: (1) Disposable Element (Standard) *Other Elements Available- View Drawing	51-476-□	51-476-□	51-476-□	SL-51-476-□	SL-51-476-□	SL-51-476-□
Drawing **For More Detail & Options**	<u>160</u>	<u>161</u>	<u>162</u>	<u>160-4401</u>	<u>161-4401</u>	<u>162-4401</u>

Notes: (1) Replace '□' with grade required, e.g. 51-476-50CS