



High Pressure 3,000 PSIG Stainless Steel Process Housings

PRODUCT FEATURES / BENEFITS

- ♦ 316L Stainless Steel Construction
- ♦ 3,000 PSIG / 400°F - Standard
- ♦ 6,000 PSIG Rated & Flanges Available
- ♦ 3-Port Housings for Coalescing
- ♦ Particulate and Bypass Filtration
- ♦ Chemical Processing
- ♦ Aerospace Filtration
- ♦ Booster Compressors
- ♦ Water Injection
- ♦ Diaphragm Compressors

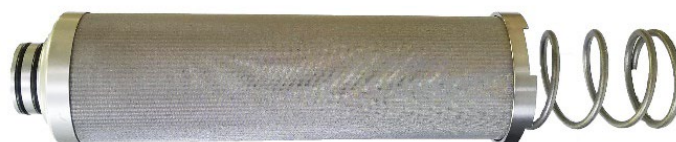
Our 150HP and 160HP series high-pressure filter housings are constructed from 316L stainless steel, delivering exceptional performance and value in demanding service conditions. The threaded head-to-bowl connection with a captured O-ring ensures a positive, leak-free seal—even in highly corrosive or high-pressure environments. Rated to 3000 PSIG, these housings are suitable for a wide range of gas and liquid filtration applications.

To meet the diverse requirements of process and sample filtration, we offer a complete selection of compatible filter elements in stainless steel, polypropylene, and other corrosion-resistant materials. For critical applications, high-efficiency borosilicate microfiber elements are available, providing excellent chemical inertness and compatibility with most liquids and gases.



Spring Loaded Element Option (4401 Style)

Our 150HP–162HP 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	150HP	151HP	152HP	150HP-4401	151HP-4401	152HP-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)	3000	3000	3000	3000	3000	3000
Internal Volume (cc)	1250	1250	1250	1250	1250	1250
Weight of Housing (lbs)	34.0	34.0	34.0	34.0	34.0	34.0
Principle Dimensions: (inches)						
Center Of Port To Head	1.50	2.05	2.05	1.50	2.05	2.05
Head Diameter	4.72	5.12	5.12	4.72	5.12	5.12
Overall Length	14.29	15.47	15.47	14.29	15.47	15.47
Element Removal Clearance	9.72	9.72	9.72	9.72	9.72	9.72
Maximum Temp. (400°F) Standard Viton O-Ring	GV150HP	GV150HP	GV150HP	GV150HP	GV150HP	GV150HP
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>150HP</u>	<u>151HP</u>	<u>152HP</u>	<u>150HP-4401</u>	<u>151HP-4401</u>	<u>152HP-4401</u>

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

Housing Model	160HP	161HP	162HP	160HP-4401	161HP-4401	162HP-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)	3000	3000	3000	3000	3000	3000
Internal Volume (cc)	2500	2500	2500	2500	2500	2500
Weight of Housing (lbs)	57.0	57.0	57.0	57.0	57.0	57.0
Principle Dimensions: (inches)						
Center Of Port To Head	1.50	2.05	2.05	1.50	2.05	2.05
Head Diameter	4.76	5.12	5.12	4.76	5.12	5.12
Overall Length	23.97	25.16	25.16	23.97	25.16	25.16
Element Removal Clearance	19.37	19.37	19.37	19.37	19.37	19.37
Maximum Temp. (400°F) Standard Viton O-Ring	GV160HP/2	GV160HP/2	GV160HP/2	GV160HP/2	GV160HP/2	GV160HP/2
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>160HP</u>	<u>161HP</u>	<u>162HP</u>	<u>160HP-4401</u>	<u>161HP-4401</u>	<u>162HP-4401</u>

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