



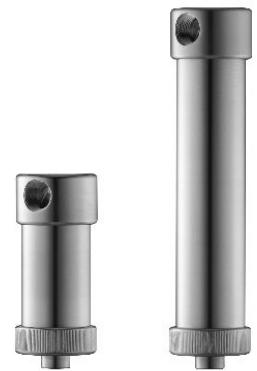
Low Pressure Stainless Steel Housings

PRODUCT FEATURES / BENEFITS

- ◆ Low Cost Design For Low Pressure Applications
- ◆ All 316L Stainless Steel
- ◆ 1/4" NPT Drain (Standard)
- ◆ Sample Conditioning Filtration
- ◆ Emission / Environmental Service
- ◆ Gas Analysis Protection
- ◆ Low Pressure Service
- ◆ No Tools Required to Service

Designed for gas analysis, emissions monitoring, CEMS, and sample process filtration, these low-pressure stainless steel housings are ideal for applications requiring continuous monitoring. While the all-stainless steel construction eliminates direct visual monitoring capability, it provides a cost-effective and durable solution for systems requiring fully stainless wetted components.

The housings feature minimal annular volume to reduce lag time and sample carryover. A 1/4" drain port located in the base allows the units to also be used in bypass or slipstream filtration configurations.



Housing Model	137	138	147	148
Port Size (NPT)	1/4"	1/2"	1/4"	1/2"
Drain Type (NPT)	1/4"	1/4"	1/4"	1/4"
Maximum Pressure (psig)	150	150	150	150
Internal Volume (cc)	105	105	260	260
Weight of Housing (lbs)	2.5	2.5	3.5	3.5
Principle Dimensions: (inches)				
Center Of Port To Head	0.59	0.59	0.59	0.59
Head Diameter	2.20	2.20	2.20	2.20
Overall Length	5.15	5.15	9.81	9.81
Element Removal Clearance	3.15	3.15	7.56	7.56
Maximum Temp. (400°F)				
Standard Viton O-Ring	GV137	GV137	GV137	GV137
Filter Element Codes: (1)				
Disposable Element (Standard)	25-64-□	25-64-□	25-178-□	25-178-□
*Other Elements Available-View Drawing				
Drawing	<u>137</u>	<u>138</u>	<u>147</u>	<u>148</u>
For More Detail & Options				

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

Pyrex Glass Bowl Option

PRODUCT FEATURES / BENEFITS

- ♦ Low Cost Design For Low Pressure Applications
- ♦ All 316L Stainless Steel
- ♦ Pyrex Bowl for At A Glance Observations
- ♦ 1/4" NPT Drain (Standard)
- ♦ Sample Conditioning Filtration
- ♦ Emission / Environmental Service
- ♦ Gas Analysis Protection
- ♦ Low Pressure Service
- ♦ Point-Of-Use Monitors
- ♦ No Tools Required to Service

Designed for gas analysis, emissions monitoring, CEMS, and sample process filtration applications where continuous monitoring is required. The Pyrex glass "G" bowl provides full visibility of the filter element, allowing quick and convenient visual inspection.

All-stainless steel housings (designated without the "G" suffix) eliminate visual monitoring capability but offer a cost-effective solution for systems requiring all stainless steel wetted components.

The housing design features minimal annular volume to reduce lag time and sample carryover. A 1/4" drain port located in the base allows these units to be utilized in bypass or slipstream filtration configurations.



Housing Model	117G	127G	137G	138G	147G	148G
Port Size (NPT)	1/4"	1/4"	1/4"	1/2"	1/4"	1/2"
Drain Type (NPT)	1/8"	1/8"	1/4"	1/4"	1/4"	1/4"
Maximum Pressure (psig)	100	100	100	100	100	100
Internal Volume (cc)	28	40	105	105	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	0.47	0.47	0.59	0.59	0.59	0.59
Head Diameter	1.58	1.58	2.20	2.20	2.20	2.20
Overall Length	3.38	4.43	5.15	5.15	9.81	9.81
Element Removal Clearance	1.65	2.64	3.15	3.15	7.56	7.56
Maximum Temp. (400°F) Standard Viton O-Ring	GV127	GV127	GV137	GV137	GV137	GV137
Filter Element Codes: (1) Disposable Element (Standard) *Other Elements Available-View Drawing	12-32-□	12-57-□	25-64-□	25-64-□	25-178-□	25-178-□
Drawing **For More Detail & Options**	<u>117G</u>	<u>127G</u>	<u>137G</u>	<u>138G</u>	<u>147G</u>	<u>148G</u>

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