



Heated Filter Housings

Features

- 316L Stainless Steel
- Specifically Designed For Hot Gas Analysis
- Bayonet Type Construction For Quick Element Change
- Integral Element Tie Rod and Retainer

Applications

- Emission Testing
- Continuous Emissions Monitoring
- Stack Gas Testing

Heatable housings are designed for hot gas analysis such as diesel exhaust and continuous emission monitoring systems. They may be used under vacuum to draw the sample or pressurized to 30 psig for blow down. We offer four basic models: H122S-TR, H130S-TR, H140S-TR, and H254S-TR. Choose the correct housing based on the flow rate and response time.

The bayonet-type closure allows the element to be changed within seconds even at operating temperatures. An integral tie rod and retainer make element service a snap. The element is attached to the bayonet handle, thus completely removing it from the body.



Side Port Housing Model	H122S-TR	H130S-TR	H140S-TR	H254S-TR
Bottom Port Housing Model	N/A	H130-TR	H140-TR	N/A
Port Size (NPT)	1/4"	1/4"	1/4"	1/2"
Maximum Pressure (psig)	30	30	30	30
Internal Volume (cc)	55	100	240	1320
Weight of Housing (lbs)	1.5	4.0	6.0	12.0
Principle Dimensions: (inches)				
Head Diameter	1.50	2.20	2.20	3.46
Overall Length	4.72	5.31	9.80	12.80
Element Removal Clearance	4.09	4.34	8.58	11.72
Maximum Temp. (450°F)				
Standard Silicone O-Ring	GSH122S-TR	GSH130S-TR	GSH130S-TR	GSH254S-TR
Filter Element Codes: (1)				
Particulate Element (Standard)	12-57-□	25-64-□	25-178-□	51-254-□
*Other Elements Available-View Drawing				
Drawing				
For More Detail & Options	H122S-TR	H130S-TR	H140S-TR	H254S-TR

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

The above flow rates are for reference purposes, and are based on compressed air, not emission gases. It is recommended to start with a 70S grade filter to optimize flow, efficiency and differential pressure.

