Heatable Filter Housings

PRODUCT FEATURES / BENEFITS

- 316L Stainless Steel
- Specifically Designed For Hot Gas Analysis
- Bayonet Type Construction For Quick Element Change
- Integral Element Tie Rod and Retainer
- Emission Testing
- Continuous Emissions Monitoring
- Stack Gas Testing

Designed for applications such as diesel exhaust sampling and continuous emission monitoring systems (CEMS), these housings maintain sample integrity at elevated temperatures.

Operating Conditions

- Suitable for use under vacuum (sample draw) or pressurized up to 30 psig.
- Four standard models available: H122S-TR, H130S-TR, H140S-TR, H254S-TR.
- Model selection is based on required flow rate and response time.

Key Features

- Bayonet-type closure: Enables rapid element replacement in seconds, even at operating temperatures.
- Integral tie rod and retainer: Simplifies servicing.
- Element removal design: The element is connected directly to the bayonet handle, allowing it to be completely removed from the housing body for quick change-out.

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) ***Other Elements Available-View Drawing**	12-57-□	25-64-□	25-178-□	51-254-□
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.

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