

HEATABLE HOUSINGS

Features:

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



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. 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.

Applications:

- Emission Testing
- Stack Testing
- Power Plant Analyzer Protection

PRINCIPLE SPECIFICATIONS

Side Port Housing Model	H122S-TR	H130S-TR	H140S-TR	H254S
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
Maximum Temp. -Buna-N (250°F)	BNH122S	BNH130	BNH130	BNH254S
Maximum Temp. -EPDM (300°F)	GEH122S	GEH130	GEH130	GEH254S
Maximum Temp. -Viton (400°F)	GVH122S	GVH130	GVH130	GVH254S
Maximum Temp. -Silicone (450°F)	GSH122S	GSH130	GSH130	GSH254S
Maximum Temp. -Kalrez (600°F)	KZH122S	KZH130	KZH130	KZH254S
Principle Dimensions: (inches)				
Head Diameter	1.50	2.20	2.20	3.46
Overall Length	4.72	5.19	9.68	12.99
Element Removal Clearance	4.09	4.34	8.58	11.72
Filter Element Codes: (1)				
Disposable element	12-57-□	25-64-□	25-178-□	51-254-□
Stainless Steel Element	SS-12-57-□	SS-25-64-□	SS-25-178-□	SS-51-254-□
Materials Of Construction: (2)				
Body & Internals	316LSS	316LSS	316LSS	316LSS
O-Rings	Silicone	Silicone	Silicone	Silicone

FLOW RATE IN SCFM AT STATED LINE PRESSURE WITH 1.5 PSID

Air Line Pressure (PSIG)	Model H122			
	50S	60S	70S, 70S21-R	80S
1.5	1.5	3.0	3.6	4.0
15	2.7	5.5	6.5	7.7
30	4.0	8.4	10.0	11.0
Model H130				
1.5	3.0	5.2	6.2	6.8
15	5.4	9.5	11.0	11.0
30	7.8	14.0	16.0	17.0
Model H140				
1.5	5.6	6.8	7.4	8.0
15	10.0	12.0	13.0	14.0
30	14.0	18.0	19.0	21.0
Model H254				
1.5	11.8	18.1	19.1	21.0
15	21.0	32.3	34.0	37.4
30	31.5	48.5	51.0	56.1

Notes: (1) Replace '□' with grade required, e.g. 12-57-50S, SS-25-64-03
 (2) Material abbreviations, 316LSS = 316L Stainless Steel



United Filtration Systems, Inc.
 6558 Diplomat Drive
 Sterling Heights, MI 48314
 T (586) 802-5561 • F (586) 802-5562
 sales@unitedfiltration.com
 www.unitedfiltration.com

1-800-311-5561



Partner of Headline Filters

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