

HEATABLE HOUSINGS

- 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 three basic models: H122S-TR, H130S-TR, and H140S-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.

PRINCIPAL 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 |
| Maximum Temperature (°F) - Silicone | 450 | 450 | 450 | 450 |
| Maximum Temperature (°F) - Viton | 400 | 400 | 400 | 400 |
| Maximum Temperature (°F) - Kalrez | 600 | 600 | 600 | 600 |
| Principle Dimensions: (inches) | | | | |
| Diameter | 1.50 | 2.20 | 2.20 | 3.46 |
| Body Length | 4.72 | 5.19 | 9.68 | 12.99 |
| Element Removal | 4.09 | 4.34 | 8.58 | 11.72 |
| Filter Element Codes: | | | | |
| Disposable Element | 12-57-□ | 25-64-□ | 25-178-□ | 51-254-□ |
| Material of Construction: | | | | |
| Body & Internals (2) | 316LSS | 316LSS | 316LSS | 316LSS |
| Seals (1) | Silicone | Silicone | Silicone | Silicone |
| Internal Volume (cc) | 55 | 100 | 240 | 1320 |

- Notes: (1) Viton seals are available as an option
 (2) Material abbreviations: 316LSS= 316L Stainless Steel

| Flow Rates | | | | |
|--|---------------|------|--------------|------|
| Air Flow Rates in SCFM at stated line pressure with 1.5 PSID | | | | |
| Model H122 | | | | |
| Air Pressure (PSIG) | Element Grade | | | |
| | 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 | 11 |
| Model H130 | | | | |
| 1.5 | 3.0 | 5.2 | 6.2 | 6.8 |
| 15 | 5.4 | 9.5 | 11 | 11 |
| 30 | 7.8 | 14 | 16 | 17 |
| Model H140 | | | | |
| 1.5 | 5.6 | 6.8 | 7.4 | 8.0 |
| 15 | 10 | 12 | 13 | 14 |
| 30 | 14 | 18 | 19 | 21 |
| Model H254 | | | | |
| 1.5 | 11.8 | 18.1 | 19.1 | 21 |
| 15 | 21 | 32.3 | 34 | 37.4 |
| 30 | 31.5 | 48.5 | 51 | 56.1 |



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