



Gas & Steam T-Style Housing Single-Round Series

The Single Round High Purity Stainless Steel Housing is designed for High Purity gas applications. These housings are commonly used in the purification of compressed air and specialty gases in the Pharmaceutical, Biotechnology, Microelectronic and Food and Beverage industries. Also used for steam applications. These housings are equipped with Sanitary Tri-Clamp, flange and butt weld connections to meet your process specification needs.

The housings are constructed of 316L stainless steel and are designed to meet the requirements of sanitary and other high purity applications and come in lengths from 5 to 30 inches.

This housing is available with either 222 O-ring or 226 O-ring cartridge configurations. The machined seat plate provides lower pressure drops in air & gas applications. Machined seat plates also insure easier cleanability. The housing can be sealed by means of a tri-clamp that requires no special tools to open or close or RF flange.

Custom options are available.



Materials of Construction

- Head: 316L Stainless Steel
- Bowl: 316L Stainless Steel
- Clamp: 304 Stainless Steel
- Vent/ Drain Plug: 316L Stainless Steel
- O-Rings: Silicone, EPDM

Dimensions (nominal)

Lengths (in): 5, 10 , 20, 30 and 40

Connections

- Inlet/ Outlet : 1" Sanitary Flange, 1" RF Flange, 1" Butt Weld, 2" available
- Vent / Drain : 1/4" NPT (also available without Vent/Drain)

Finish

- Interior: Electropolished <20Ra(0.4um)
- Exterior: Electropolished <32Ra(0.8um)

Applications
Compressed Air
Specialty Gases
Steam
Tank Vents

Features	Benefits
<ul style="list-style-type: none"> • Aseptic Design 	<ul style="list-style-type: none"> • Crevice Free Electropolished surfaces with greater than < 20 Ra internal surfaces (0.4um) • No Dead Legs
<ul style="list-style-type: none"> • Easy to use low point drain valve 	<ul style="list-style-type: none"> • Removable for cleanability • Ease of filter change-out
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