



**FLOW TEST**  
FILTER INTEGRITY TEST SOLUTIONS



## STAINLESS STEEL HEATABLE FILTER HOUSINGS

FOR THE PHARMACEUTICAL INDUSTRY



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## STAINLESS STEEL HEATABLE FILTER HOUSINGS

### PRODUCT DESCRIPTION

Our stainless steel heatable filter housings (316 L) are made of stainless steel 1.4404, smoothed and electro-polished (Inside: Ra <0,8; Outside:Ra<1.2).

"Code 7 Adapter" for filter cartridges stands for adapting all well-known filter cartridge manufacturers to our heatable filter housings.

The Stäubli nipple on the inlet elbow pipe (at the bottom) is used for venting or draining of condensate and as a connector to the filter integrity tester "IT-01" for running the water intrusion test.

**Due to self-regulating heating elements (PTC-heaters), an elaborate temperature control system can be completely eliminated.**



The heating elements are guaranteed from filter housing overheating and filter damages, and are not required any additional safety thermal switches for an emergency shutdown. For installing the stainless steel heatable filter housings into an existing security and temperature control system (TCU), **any temperature indicators with switching output or power output are not required.**

They are installed on the top of the housing dome by TC clamps.

There are some types of filter housings that have the small TC 25 connector on the top of the housing dome for the connection to the Pt-100 temperature sensor.

Stainless steel heatable filter housings are supplied with a necessary documentation package that includes drawings, pressure vessel certificate, WAZ 3.1B material certificate.

If a filter cartridge is known, test parameter Data for the programming can be delivered too.



## STAINLESS STEEL HEATABLE FILTER HOUSINGS

### 5" DOUBLE WALL VENTING HEATABLE FILTER HOUSING WITH PTC-HEATING ELEMENTS

**Material:** stainless steel 1.4404

**Type:** L-Type

**Connection on the top of the filter housing:** TC 50,5 mm

**Inlet/Outlet connection:** TC 50,5 mm

**Elbow pipe connection:** Stäubli ventil nipple - DN 3 with EPDM and teflon seals (by hand tightening locking wing nuts)

**Power supply:** 230V

**Electrical supply value:** 230V/ 1200 W

**Power supply during the operation:** 200 W

**Temperature in the center of the filter housing:** 80-85°C



Order Nr: G-002-Hzg-L

### 10" DOUBLE WALL VENTING HEATABLE FILTER HOUSING WITH PTC-HEATING ELEMENTS



**Material:** stainless steel 1.4404

**Type:** L-Type

**Connection on the top of the filter housing:** TC 50,5 mm

**Inlet/Outlet connection:** TC 50,5 mm

**Elbow pipe connection:** Stäubli ventil nipple - DN 3 with EPDM and teflon seals (by hand tightening locking wing nuts)

**Power supply:** 230V

**Electrical supply value:** 230V/ 2200 W

**Power supply during the operation:** ca.300 W

**Temperature in the center of the filter housing:** ca.80°C

Order Nr: G-001-Hzg-L



## STAINLESS STEEL HEATABLE FILTER HOUSINGS

### 5" DOUBLE WALL HEATABLE FILTER HOUSING WITH PTC-HEATING ELEMENTS (IN-LINE TESTING)

**Material:** stainless steel 1.4404

**Type:** T-type with a condensate tank with TC 25 connector for the Pt-100 temperature sensor

**Connection on the top of the filter housing:** TC 50,5 mm connector and TC 25 connector for the Pt-100 temperature sensor

**Inlet/Outlet connection:** TC 50,5 mm

**Electrical supply value:** 230V/ 1200 W

**Power supply during the operation:** ca. 200-300 W

**Temperature in the center of the filter housing:** ca.80-85°C



**Order Nr:** DG-002-Hzg-T

### 10" DOUBLE WALL VENTING HEATABLE FILTER HOUSING WITH PTC-HEATING ELEMENTS (IN-LINE TESTING)



**Material:** stainless steel 1.4404

**Type:** L-type with a condensate tank with TC 25 connector for the Pt-100 temperature sensor

**Connection on the top of the filter housing:** TC 50,5 mm connector and TC 25 connector for the Pt-100 temperature sensor

**Inlet/Outlet connection:** TC 50,5 mm

**Electrical supply value:** 230V/ 2200 W

**Power supply during the operation:** ca.300 W

**Temperature in the center of the filter housing:** ca.80°C

**Order Nr:** G-001-Hzg-L-T



# NOTES

A series of horizontal dashed lines for taking notes.



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