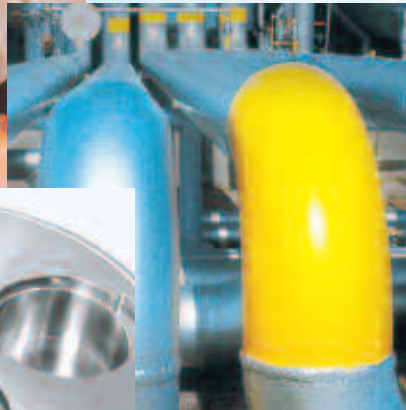


SANITARY LIQUID FILTER HOUSINGS



HOUSINGS

Just as the choice of the right filter element is a determining factor in achieving safe, reliable filtration, so is the choice of housing used, as these components are by no means a minor detail and are an integral part of the whole filtration process.

Our housings meet the exacting quality standards in terms of hygiene and safety demanded by all companies operating with critical conditions in both the pharmaceutical and beverage industries. These housings are made entirely of 316L stainless steel, with highly polished internal and external surfaces (max. internal roughness < 0.8 micron), with no sharp contours or inaccessible areas that could capture dirt or contaminants, and are easy to clean and sterilise. Built to last, these components are exceptionally easy to use and maintain. At the end of filtration, they can be drained rapidly and completely to prevent the formation of stagnant liquid residue at the bottom of the vessel. Tested to withstand operating pressures well above those specified by current legislature, these housings are built to guarantee a perfect cartridge seal, even under demanding conditions. The dome is held in position with a high breaking strain V-Band Clamp or Bold Clamps.

Available in a variety of heights from 10" (25 cm), 20" (50 cm), 30" (75 cm) to 40" (100 cm), these housings can hold from 1 to 30 cartridges code 7. On request, we can customise housings for different connections or even manufacture housings to your own unique specifications. Housings are normally supplied as the ADVANCED (ADV) version, which includes two inlet/outlet butterfly valves, a sanitary valve for sampling/venting, a drain ball valve and a pressure gauge assembly in SS 316L with sight glass and ball valve for gas inlet.



TECHNICAL SPECIFICATIONS

CODE	DESCRIPTION
VESSEL RANGE	HSG - SANITARY
No. OF CARTRIDGES	1-30 x 10" - 20" - 30" - 40"
END FITTINGS	226 - CODE 7
MATERIAL	SS 316 L / 1.4404

STANDARD SEALS	EPDM
INTERNAL FINISH	MECHANICALLY POLISHING
MAXIMUM ROUGHNESS	RA<0.8 MICRONS
EXTERNAL FINISH	MECHANICALLY POLISHING

Standard equipment includes:

1 PRESSURE GAUGE ASSEMBLY IN SS 316L

Consisting of:

- 1 stainless steel Ø 100 mm, glycerine filled pressure gauge - scale up to 6 bar
- 1 sight glass
- 1 gas inlet valve with 1/4" BS threaded female fitting
- 1 vent ball valve with 1/2" (Ø 12 mm) hose adaptor for gas inlet

The assembly is fitted with BSP 1/2" female and seal in PETP or VITON®

2 INLET/OUTLET BUTTERFLY VALVES IN SS316L

HSG1	1.0" CLAMP or Ø 25 mm	DIN 11851
HSG3	1 1/2" CLAMP or Ø 40 mm	DIN 11851
HSG5 - HSG8	2.0" CLAMP or Ø 50 mm	DIN 11851
HSG12 - HSG19	3.0" CLAMP or Ø 65 mm	DIN 11851
HSG24 - HSG30	4.0" CLAMP or Ø 85 mm	DIN 11851
Seals in EP		

1 SANITARY VALVE IN SS316L FOR SAMPLING/PRESSURE RELEASE

- BSP 1/2" (1/4" for HSG1) female with 1/2" (Ø 12 mm) hose adaptor for quick and complete drainage of the housing and condensate drainage after sterilisation procedures.

1 DRAIN BALL VALVE IN SS 316L

HSG1	BSP 1/4" with Ø 9 mm quick coupling
HSG3	BSP 1/2" with Ø 21 mm quick coupling
HSG5 - HSG8	BSP 1/2" with Ø 21 mm quick coupling
HSG12 - HSG19	BSP 1/2" with Ø 21 mm quick coupling
HSG24 - HSG30	BSP 1/2" with Ø 21 mm quick coupling
Seals in EP	

- A BASIC version is also available with no equipments to allow you to customise the housing to your needs and fit it with the accessories of your choice.



FILTRATION SOLUTIONS

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