

Masterfilter VGG series

The Masterfilter VGG vent filter housings are manufactured for filtration of gases. They are available in 5 mini, 5, 10, 20 and 30 inches lengths. The housings are marked with a unique serial number for traceability. The VGG series is available with a range of pharmaceutical compliant vents and inlet/outlet connections. Our engineering team can design customer specific housing with optional mountings, high temperature and pressure designs.



Applications

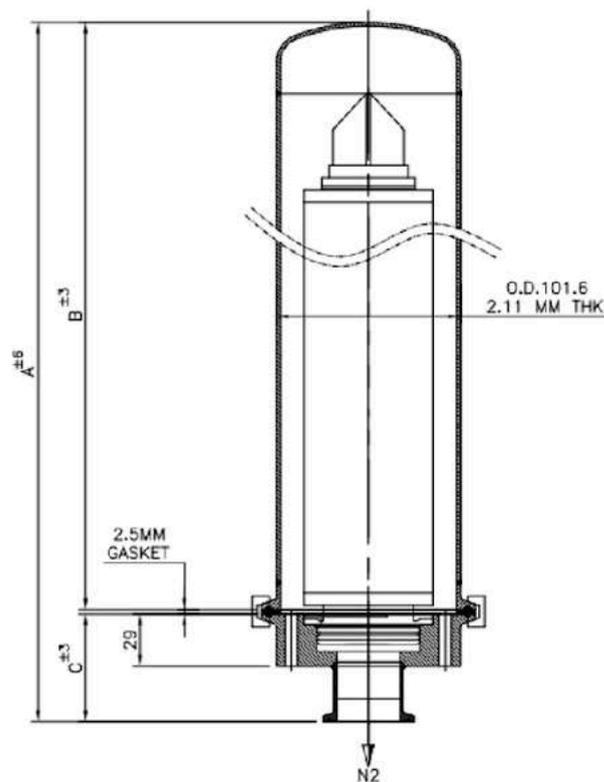
- Fermentation
- LVP (Large Volume Parenterals)
- SVP (Small Volume Parenterals)
- Pharmaceutical Water Treatment
- Ophthalmics
- API (Active Pharmaceutical Ingredients)

Features and Benefits

- Manufactured in accordance with European regulations
- Supplied with a wide range of connections
- Surface roughness inside $Ra \leq 0.8 \mu m$, mechanical polished
- Surface roughness outside $Ra \leq 0.8 \mu m$
- Fully sanitary design

Technical Specification

- Number of cartridges: 1
- Material: 316L
- Material housing sealing: Silicone
- Length cartridge: 5 mini, 5, 10, 20, 30"
- Cartridge connection: Mini bayonet (STT), Code 7 (HSF)
- In-/outlet diameter: DN 25, DN 40, DN 50
- Pipe class: DIN 32676-C (ASME BPE)
- Design temperature: 150 °C

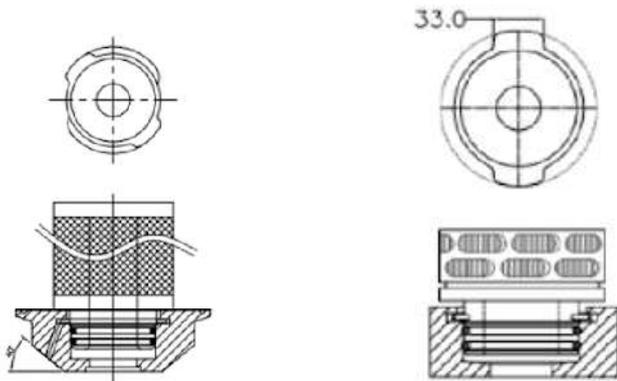


N2: Inlet/Outlet

Housing Size

| Size | A | B | C |
|----------------------------|-------|-----|----|
| 5" mini Mini bayonet (STT) | 200.5 | 150 | 48 |
| 5" Code 7 (HSF) | 284.5 | 222 | 60 |
| 10" Code 7 (HSF) | 394.5 | 332 | 60 |
| 20" Code 7 (HSF) | 666.5 | 604 | 60 |
| 30" Code 7 (HSF) | 901.5 | 839 | 60 |

Cartridge Connections



Mini bayonet (STT)

Code 7/226 (HSF)

Part Number Guide

| | | | | | | | |
|-----------------|-------------------|-------------------------|-------------|---------------|-------------------|----------------|---|
| VGG | 4 | 01 | 05 | HSF | T40 | C | M |
| Material | Cartridges | Length cartridge | Type | In/Out | Pipe class | Surface | |
| 4 | 01 | 04 | STT* | T25* | C | M | |
| | | 05 | HSF | T40 | | | |
| | | 10 | | T50 | | | |
| | | 20 | | | | | |
| | | 30 | | | | | |

* Only for cartridge length 04

e.g. part number: VGG-4-01-05-HSF-T40-C-M

Pharmaceutical Vent Filter Housing, cartridge length 5", cartridge connection Code 7

Part Number Options

| Material | Length ["] | Type | In/Out | Pipe class | Surface |
|----------|-------------|------------------|----------------------------------|--------------------------|-------------------------|
| 4 316L | 04 5.0 mini | STT Mini bayonet | T25 Tri-clamp DN25 (DIN 32676-C) | C DIN 11866-C (ASME BPE) | M me. polished ≤ 0.8 µm |
| | 05 5 | HSF Code 7/226 | T40 Tri-clamp DN40 (DIN 32676-C) | | |
| | 10 10 | | T50 Tri-clamp DN50 (DIN 32676-C) | | |
| | 20 20 | | | | |
| | 30 30 | | | | |

For special executions please contact Masterfilter.