

Masterfilter IFGG series

The Masterfilter IFGG series filter housings are manufactured for filtration of gases. They are available in 2.5, 5 mini, 5, 10, 20 and 30 inches lengths. The housings are marked with a unique serial number for traceability. The IFGG series is available with a range of industrial compliant venting options.

Applications

- Food and Beverage
- Chemicals
- Sterile air supply

Features and Benefits

- Manufactured in accordance with European regulations
- Supplied with a wide range of connections
- Surface roughness inside $Ra \leq 0.8 \mu\text{m}$, mechanically polished
- Surface outside mechanically polished
- Sanitary design

Technical Specification

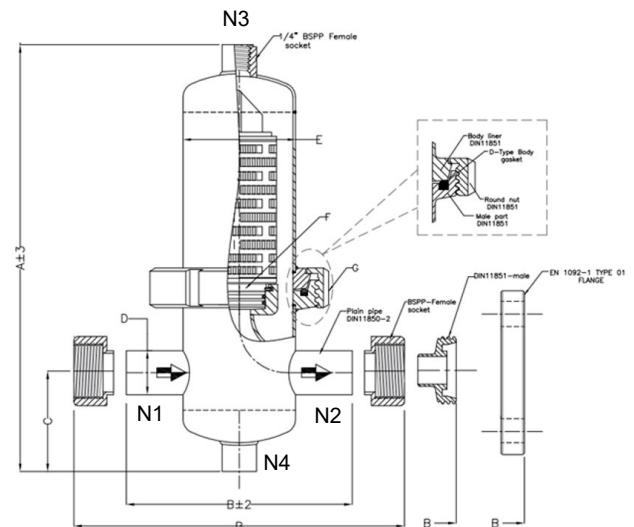
- Number of cartridges: 1
- Material: 316L
- Housing sealing material: EPDM
- Length cartridge: 2.5", 5" mini, 5", 10", 20", 30"
- Cartridge connection: Mini bayonet (STT), Code 7 (HSF)
- In-/outlet diameter: DN 15, DN 25, DN 40, DN 50, DN 80
- Design pressure: 16 bar
- Design temperature: 150 °C

Housing Size

Size	A	B _{min}	B _{max}	C
2.5" (STT)	203.5	120	200	60
5" mini (STT)	288.5	120	200	70
5" (HSF)	398	165	250	95
10" (HSF)	506	150	250	95
20" (HSF)	813	175	250	112
30" (HSF)	1133	164	300	120

B_{min} = DN 15 to 80 / BSPP-Female

B_{max} = DN 15 to 80 / EN1092-1 Flange



N1: Inlet, N2: Outlet, N3: Connection top, N4: Drain

Part Number Options

Material	Length ["]		Type	In/Out			
4	316L	2.5	2.5	STT	Mini bayonet	R15	DN15/BSP
						G15	DN 15/DIN 11851 Male
						S15	DN 15/DIN 11850-2 Plain pipe
						F15	DN 15/EN 1092-1 Flange
		5 mini	5	STT	Mini bayonet	R25	DN 25/BSP
						G25	DN 25/DIN 11851 Male
						S25	DN 25/DIN 11850-2 Plain pipe
						F25	DN 25/EN 1092-1 Flange
		05	5	HSF	Code 7/226	R25	DN 25/BSP
						G25	DN 25/DIN 11851 Male
						S25	DN 25/DIN 11850-2 Plain pipe
						F25	DN 25/EN 1092-1 Flange
	10	10	HSF	Code 7/226	R40	DN 40/BSP	
					G40	DN 40/DIN 11850 Male	
					S40	DN 40/DIN 11850-2 Plain pipe	
					F40	DN 40/EN 1092-1 Flange	
	20	20	HSF	Code 7/226	R50	DN 50/BSP	
					G50	DN 50/DIN 11850 Male	
					S50	DN 50/DIN 11850-2 Plain pipe	
					F50	DN 50/EN 1092-1 Flange	
	30	30	HSF	Code 7/226	R80	DN 80/BSP	
					G80	DN 80/DIN 11850 Male	
					S80	DN 80/DIN 11850-2 Plain pipe	
					F80	DN 80/EN 1092-1 Flange	

e.g. part number: IFGG-4-05-05-HSF-R25

Industrial Gas Filter Housing IFGG, cartridge length 5", cartridge connection Code 7, connection top ¼" BSP, drain ¼" BSP