



IGH-S industrial gas filter housing

Single-cartridge T-style filter housings for food and pharmaceutical applications

The IGH-S series are specifically designed for compressed air and gas filtration in utility and process applications. The SS316L housings provide maximum durability and resistance to corrosion and are manufactured in compliance with the industry standards.

Together with the Atlas Copco filter cartridges series PFP-G, ARC, SFG-G and SMT-G, they provide safe, reliable and efficient performance.



Key Features

- High flow and low pressure drop
- Suitable for CIP/SIP
- Upside down installation possible
- Working pressure 16 barg

Applications

IGH-S housings are used for the filtration of critical gases such as compressed air, nitrogen, carbon dioxide and others in Food and Beverage, Medical and Chemical industries.

Quality first

- Manufacturing acc. ISO 9001
- Design acc. PED 2014/68/EU SEP
- Gasket materials used meet ISO 360111
- Full traceability
- Certificates (materials, finishing, etc.) on request

Protecting process, products and people

Atlas Copco's process filters optimize your productivity while protecting your process, product and consumers. Our portfolio of cartridges and housings covers all your filtration needs. The products are made from proven, high quality materials from reputable suppliers and manufactured in a controlled environment subjected to strict QA/QC procedures.



Technical specifications

Materials of construction

Housing (wetted parts)	AISI SS316L (W.N. 1.4404)
Clamp	AISI SS304 (W.N. 1.4301)
Gasket compliance	ISO 360111

Design

Design code	PED 2014/68/EU
Pressure (PS) min-max	-1 + 16 bar (-14 - 232 psi)
Test pressure	22.9 bar (332 psi)
Temperature (TS) min-max	-20 + 90°C (-4 - 194 °F)

Finishing

External surface	Mechanical polished
Internal surface	Pickled

Options

- Pressure gauge SS 0-10 / 0-16 barg with vent valve and tee/nipple 1/4"
- Drain (ball) valve 1/4" BSPM with hose adapter
- Wall mounting set



Product configuration

Series	Pressure	Cartridge		Gasket Material	Closure Style	Drain/Vent Connection ¹	Finishing	Inlet/Outlet Connection ¹	
		Length	Style ²						
IGH-S	16	5"	C7	S = Silicone	DBC = Double Bolted Clamp	BSPF0.25"	P	BSPF0.5"	
		10"	C8	E = EPDM				NPTF0.25"	BSPF0.75"
		20"	DOE	V = Viton					BSPF1"
									NPTF0.5"
									NPTF0.75"
									NPTF1"

Example: IGH-S 16 10" C7 S DBC TBF0.25" P TBF1"

Note: Some combinations are invalid, please check with the local Atlas Copco representative

¹See Connections

²Cartridge style C7 is recommend for gas filtration

Drain/Vent Connection			Inlet/Outlet Connection		
Code	Type	Size	Code	Type	Size
BSPF0.25"	Threaded BSP Female + plug	0.25"	BSPF0.5"	Threaded BSP Female	0.5"
NPTF0.25"	Threaded NPT Female + plug	0.25"	BSPF0.75"	Threaded BSP Female	0.75"
			BSPF1"	Threaded BSP Female	1"
			NPTF0.5"	Threaded NPT Female	0.5"
			NPTF0.75"	Threaded NPT Female	0.75"
			NPTF1"	Threaded NPT Female	1"