



IGH industrial gas housing

Stainless steel filter housings for critical applications in Food & Beverage, Pharmaceutical and Chemical industries

The IGH series are single cartridge, inline filter housings designed for safe and efficient filtration of compressed air and nitrogen in utility and process applications. They are available in a wide range of configurations and are manufactured in compliance with the industry standards. The stainless steel housings with high quality elektro-polish finishing provide maximum durability and resistance to corrosion while ensuring ultimate gas quality.

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



Key features:

- High flow and low pressure drop
- High quality electro-polish surface treatment
- Union closure for easy access
- Working pressure 16 bar/232 PSI

Applications:

- Compressed air, nitrogen and other gases
- Pre-, after- and final filtration
- Particle removal, coalescing and sterilizing purposes

Qualifications:

- Manufacturing acc. ISO 9001
- Design PED 2014/68/EU
- Gasket material meets FDA title 21 and EU
- Regulation No. 1935/2004
- Documentation (CoC, material certificates, etc.) included

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.



Product specifications

Materials	
Housing	SS304/SS316L
Internals	SS304/SS316L
Gasket	EPDM, Silicone ¹
Design	
Design code	PED 2014/68/EU, fluid group 2
Design pressure	-1/16 bar(g) - 14.5/232 PSIG
Design temperature	-20/94°C - -4/200 °F
Vessel style	T - Plenum with side inlet and outlet
Closure	Union
Installation	Inline
Finishing	
Internal/external	Electro-polish
Weld finishing	As welded

¹ = Materials comply with EU Regulation No. 1935/2004 and FDA title 21

Product configuration

Series	Pressure bar	Cartridge			Housing Material	Gasket Material	Closure	Drain/Vent Connection	Finish	In/Outlet Connection
		No.	Size	Style						
IGH	16	1	10"	C7	SS304	E = EPDM	U = Union	BSPF0.25"	E ¹	BSPF1.5"/2"
			20"		SS316L	S = Silicone		NPTF0.25"		DN40/50/PN16
										NPTF1.5"/2"
										1.5"/2"ANSI150#

¹ = Electro polish (internal/external), standard

Example: IGH 16 1 20" C7 SS316L S U BSPF0.25" E DN50/PN16

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

