

Linegard™ GIGAX-FP Filters

Cost-effective 0.0015 µm filters for high-flow range on noncritical applications

Linegard™ GIGAX-FP in-line gas filters are designed as a cost-effective solution for high-flow range on noncritical applications.

Linegard GIGAX-FP filters are suitable for filtration of general nitrogen and compressed air, which are used for facility entrance, bulkheads, and hook up.

APPLICATIONS

- High-flow, noncritical applications
- For filtration of compressed dry air and inert gases
- Suitable for general nitrogen and compressed air
- Facility entrances, bulkheads, and hook up

FEATURES & BENEFITS

PTFE membrane supported by polypropylene structures	Provides a cost-effective solution for filtration of compressed air and inert gases
High-flow design	Enables use in applications up to 3000 slpm



Linegard™ GIGAX-FP in-line gas filters for high-flow range applications

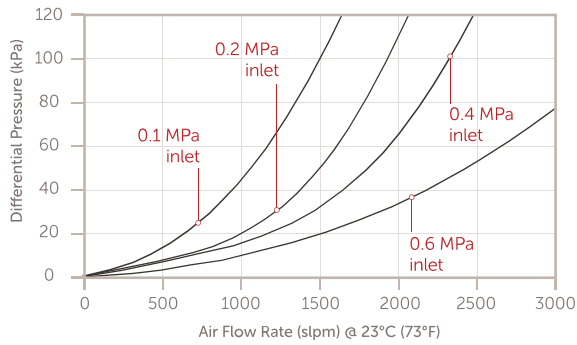
SPECIFICATIONS

Materials	Membrane:	PTFE
	Supports:	Polypropylene
	O-ring	Encapsulated fluoroelastomer (E-FKM)*
	Housing:	316L Stainless Steel
Surface finish interior	25 µin Ra	
Removal rating	>0.0015 µm (in gas)	
Maximum operating conditions	Maximum inlet pressure:	1.2 MPa (12 bar, 174 psig) @ RT
	Maximum forward differential pressure:	0.41 MPa (4.1 bar, 59 psid) @ RT
	Maximum reverse differential pressure:	0.05 MPa (0.5 bar, 7 psid) @ RT
	Maximum operating temperature:	60°C (140°F)
Helium leak rating	1×10^{-10} Pa·m ³ /sec	
Recommended gases	Compressed dry air (CDA) and inert gases	
Warranty	1 year	

*The O-ring material for butt weld (LGGXFPBW6) is EPDM.
Please contact Entegris for compatibility with other gases.

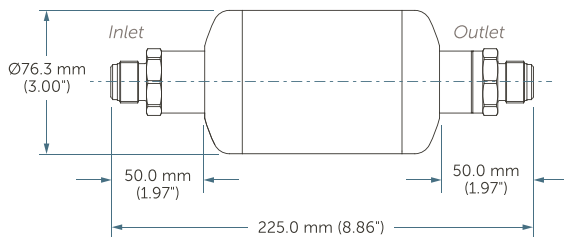
PERFORMANCE DATA

Linegard GIGAX-FP Filters

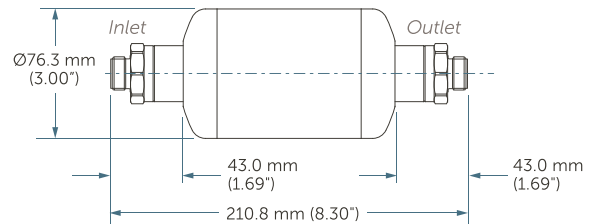


DIMENSIONS

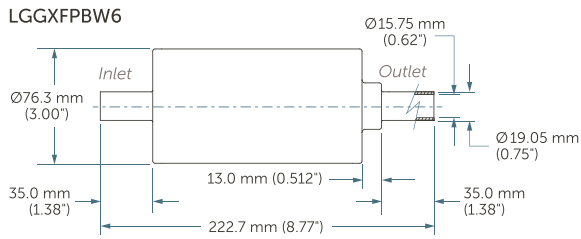
LGGXFPRR4



LGGXFPSS4



DIMENSIONS



ORDERING INFORMATION

PART NUMBER	FITTING SIZE & TYPE	LENGTH
LGGXFPBW6	3/4" butt weld	222.7 mm (8.77")
LGGXFPRR4	1/2" gasket seal (VCR® compatible)	225.0 mm (8.86")
LGGXFPSS4	1/2" compression seal (Swagelok® compatible)	210.8 mm (8.30")

FOR MORE INFORMATION

Please call your Regional Customer Service Center today to learn what Entegris can do for you. Visit entegris.com and select the [Contact Us](#) link to find the customer service center nearest you.

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