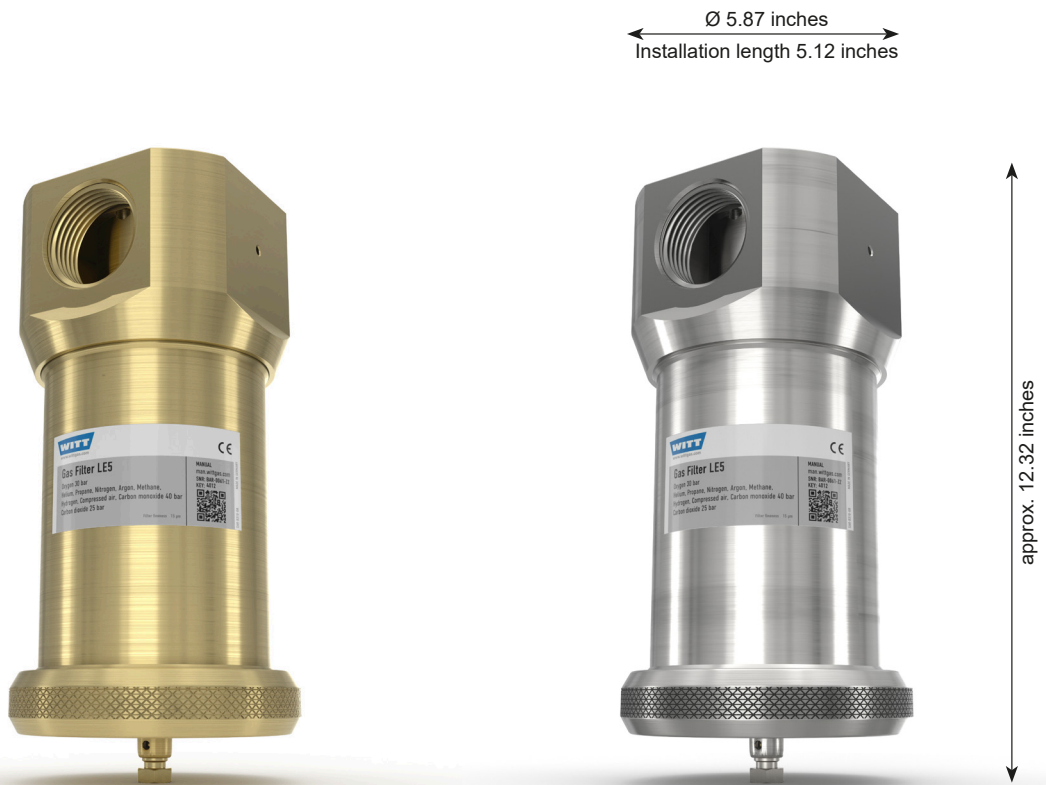


GAS FILTER LE5



WITT-Gas filter LE5 protects downstream components and systems from contamination and condensates.

Its size allows high flows with low pressure drop and compliance with the EIGA, AIGA and CGA maximum velocity limits.

Benefits

- ultra fine filtering out of mechanical impurities through bronze
- broad range of uses – compatible with many technical gases
- change of filter possible while installed due to userfriendly design
- high flowrate thanks to flow maximising design (26 839 SCFH for O₂ at 435 PSI inlet pressure and 0.73 PSI pressure drop)
- condensate can be collected and removed using condensate drain
- optimized design for easy installation and maintenance
- reliable filtering performance increases service life of downstream fittings and equipment

Operation / Usage

- Gas filter are designed for installation in pipelines
- the gas purifiers with condensate drain must be installed vertically

Maintenance

- the condensate should be drained at regular intervals
- the filter inserts must be checked regularly and replaced if necessary

Approvals

Company certified according to ISO 9001 and PED 2014/68/EU Module H and D

CE-marked according to:
- PED 2014/68/EU

Designed for Oxygen Service in accordance with EIGA 13/20, CGA G-4.4 and AIGA 021/20: Oxygen Pipeline and Piping Systems

GAS FILTER LE5



Max. working pressure [PSI]	Material	Temperature	Filtering fineness	Connection [inch]	Weight [oz]	Seals	Order-No.		
Acetylene (A) 22 Argon (Ar) Helium (He) Nitrogen (N) 580 Hydrogen (H) Compressed air (D) Carbon Monoxide (CO)	Housing – Brass; Filter – Bronze;	-104°F up to +212°F Oxygen (O) +140°F	15 µm	inlet / outlet G 2 RH F	550	EPDM	076-102		
Carbon dioxide (CO2) 363 Argon (Ar) Helium (He) Natural gas (M) Nitrogen (N) LPG (P) 580 Hydrogen (H) Compressed air (D) Carbon Monoxide (CO) Oxygen (O) 435								550	NBR
Acetylene (A) 22 Argon (Ar) Helium (He) Nitrogen (N) 580 Hydrogen (H) Compressed air (D) Carbon Monoxide (CO)	511				EPDM	076-103			
Carbon dioxide (CO2) 363 Argon (Ar) Helium (He) Natural gas (M) Nitrogen (N) LPG (P) 580 Hydrogen (H) Compressed air (D) Carbon Monoxide (CO) Oxygen (O) 435							511	NBR	076-101
Replacement filter inserts of bronze									

2"-NPT adapter, DIN- and ANSI – Flange connection sets are available!

Other connections available upon request

GAS FILTER LE5

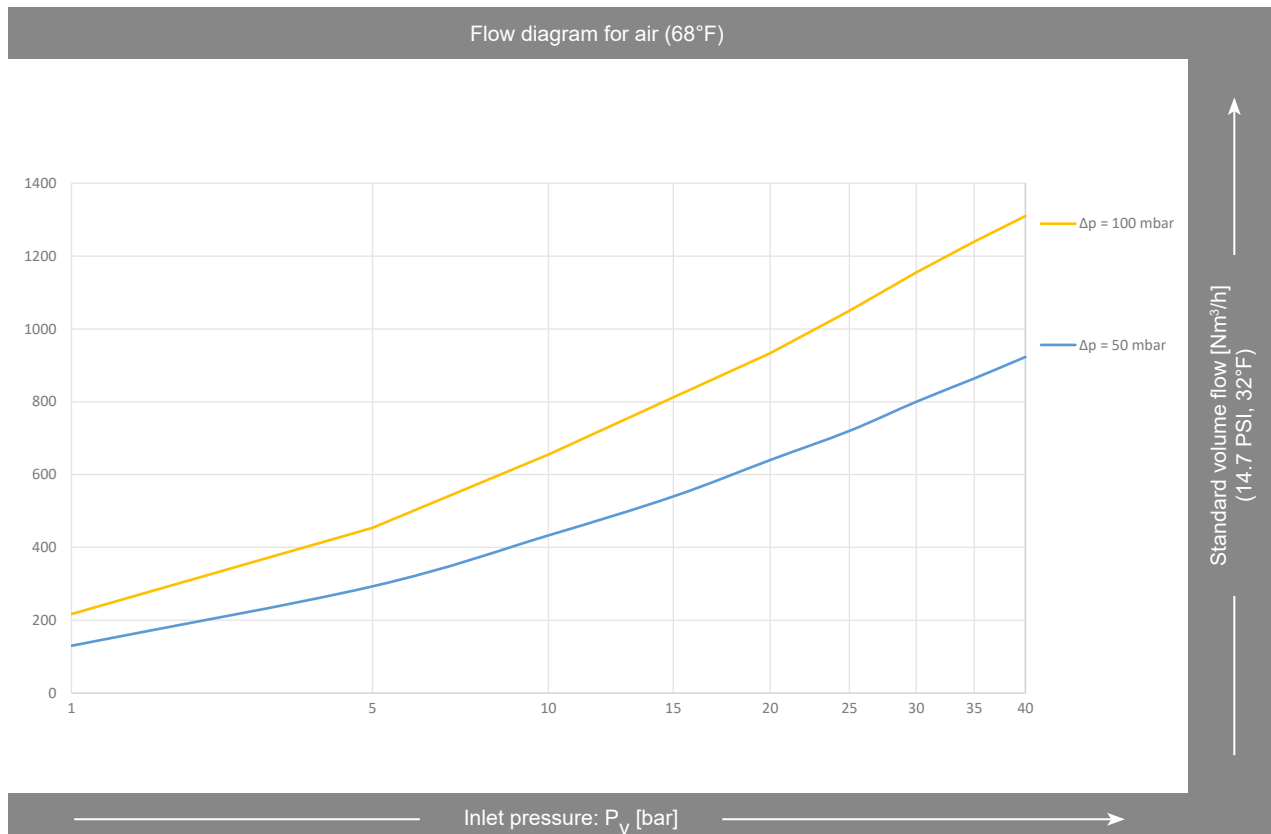


LE5

at $\Delta p = 50$ mbar and 100 mbar

Conversion factors:

Acetylene	x 1.04
Butane	x 0.68
Natural Gas	x 1.25
Helium	x 2.69
Carbon dioxide	x 0.81
Methane	x 1.25
Propane	x 0.80
Oxygen	x 0.95
Hydrogen	x 3.75



Δp max. = 1 bar in continuous operation

Let us know your operating conditions!
We will be pleased to calculate your individual pressure drop.

