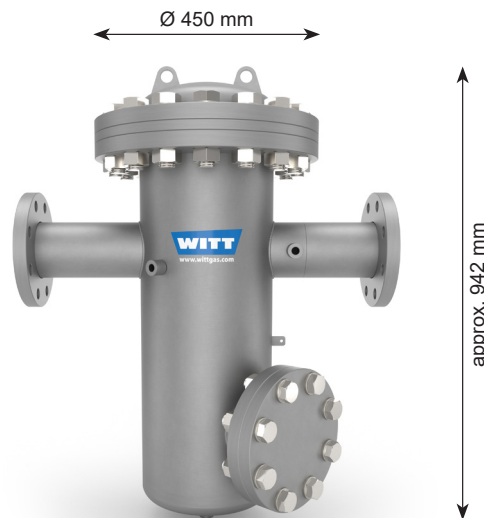


# GAS FILTER LE6



**WITT gas filter LE6 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 filter inserts
- broad range of applications – compatible with many technical gases
- change of filter possible while installed due to user-friendly design
- high flowrate owing to flow-maximising design (4 500 Nm<sup>3</sup>/h for O<sub>2</sub> at inlet pressure 30 bar and pressure drop 50 mbar)
- condensates can be collected and removed using condensate drain
- optimized design for easy installation and maintenance
- extended flange connections for the simplest possible mounting of this heavy unit
- connections on the inlet and outlet side to allow for pressure monitoring
- reliable filtering performance increases service life of downstream components and equipment

### Operation / Usage

- Gas filters are designed for installation in pipelines
- must be installed vertically

### Maintenance

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

### Options

- electronic differential pressure monitoring

### Approvals

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

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

Model	Max. working pressure [bar]	Material	Temperature	Weight [kg]	Connection	Filter -Mesh	Order-No.
LE6	Carbon dioxide (CO <sub>2</sub> )	Housing – Stainless Steel  Filter – Bronze  Seals – Elastomer	-40 °C up to +100 °C  Oxygen (O) +60 °C	193	inlet / outlet Flange both sides DN100 / PN40  pressure monitoring G 3/8 F	15 µm	078-001
	25.0						
	Argon (Ar) Helium (He) Compressed air (D)						
	40.0						
	Hydrogen (H) Natural gas (M) Nitrogen (N) LPG (P)						
Oxygen (O)	30.0						
Replacement filter inserts of bronze							FI-LE6

Other connections available upon request

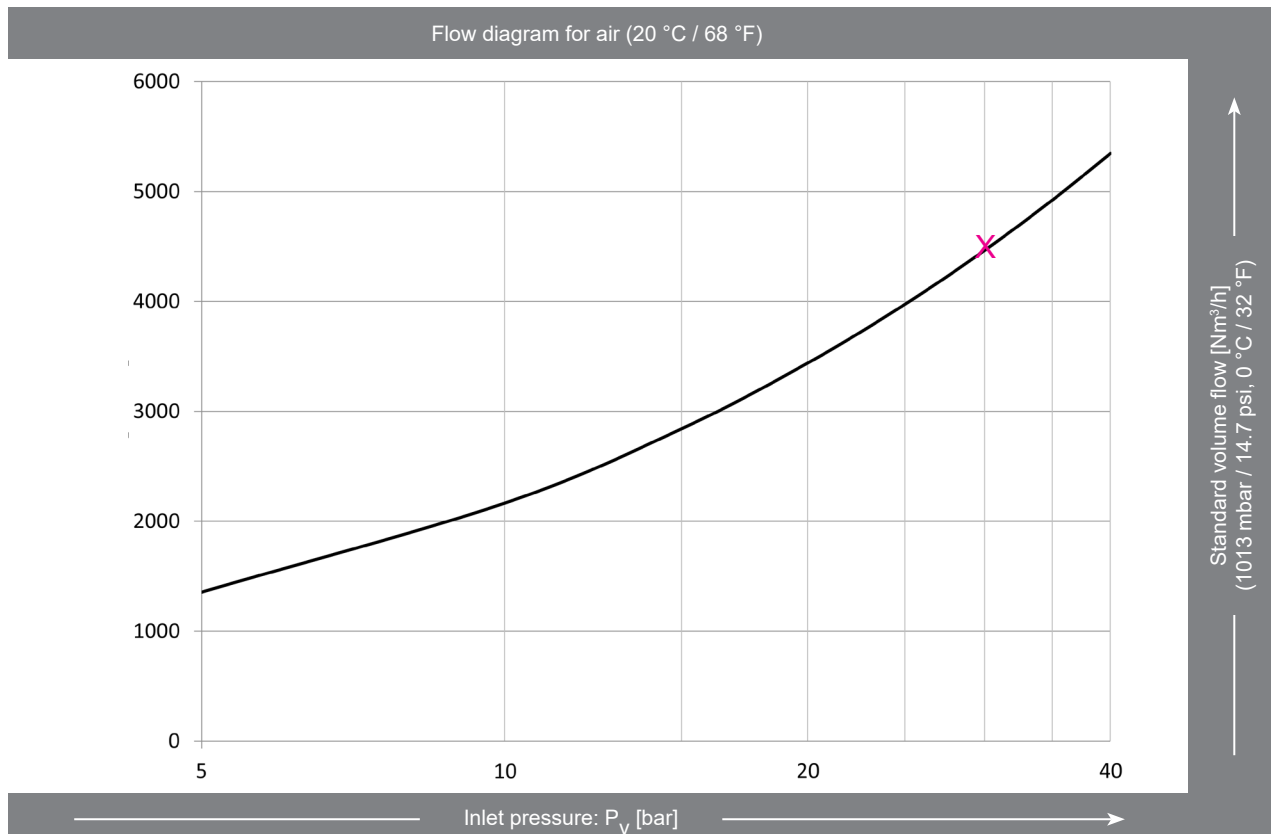
# GAS FILTER LE6



**LE6**  
at  $\Delta p = 50$  mbar

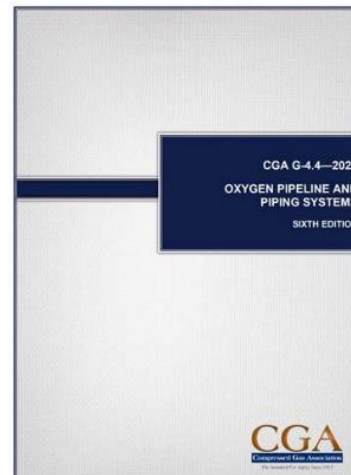
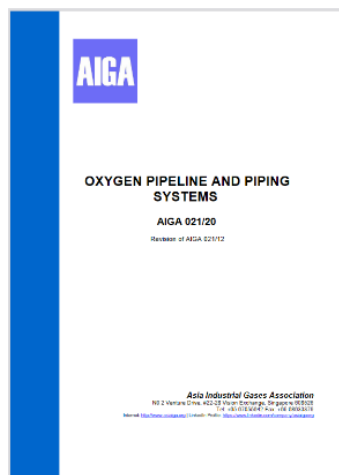
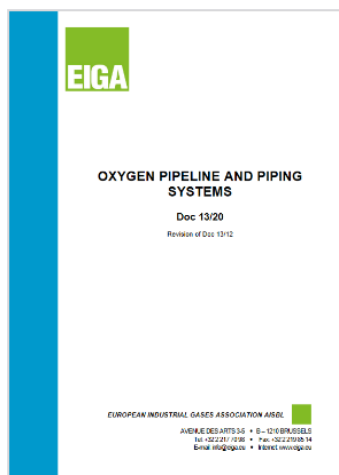
Conversion factors:

Butane	x 0.68
Natural gas	x 1.25
Carbon dioxide	x 0.81
Methane	x 1.33
Propane	x 0.80
Oxygen	x 0.95
Town gas	x 1.54
Hydrogen	x 3.75



$\Delta p$  max. = 1 bar in continuous operation

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



GF4 USA - H01/4C - subject to change