## **Filter F11 + F25**







Filter F11 Filter F25

#### **Product features**

- Brass filter for separating dirt particles such as rust, sand or chips carried along in gas piping
- · For non corrosive technical gases
- Protection against wear and damages of the downstream equipment
- · Easy exchange of the filter cartridges

#### \* Q in Nominal flow rate per hour (Nm<sup>3</sup>/h)

Nominal flow = Actual flow x pressure (abs.) Q in Actual flow / hour F11: max. 60 m³/h

F25: max. 120 m<sup>3</sup>/h

e.g. filter F11: 60 m $^3$ /h at 30 bar line pressure equals: 60 m $^3$ /h x 31 bar = 1860 m $^3$ /h

Technical data	· ·
Max. Flow rate Q*	F11: 18.000 Nm³/h F25: 24.000 Nm³/h
Operating pressure P	max. 300 bar
Pore diameter (F11) Mesh size (F25)	40 45 μm 60 65 μm
Filter area	F11: 29 cm <sup>2</sup> F25: 174 cm <sup>2</sup>
Materials	
Body:	brass
Filter cartridge:	F11: sintered bronze F25: tin bronze
In- / outlet	F11: G ½" female F25: G 1 ½" female
Temperature range	-20°C to +60°C
Leak rate	≤10 <sup>-4</sup> mbar l/s He
Weight	F11: 0,9 kg

F25: 10 kg

#### **Attention**

When pressure losses start to increase and the flow rate starts to decrease - but at least once a year - the filter cartridge must be dismantled and cleaned; in the event of damage it can be exchanged with ease. The filter cartridge may only be dismantled at zero pressure. To do so, close the shut-off valve up stream of the filter, and open the flushing valve (F25) or the locking screw (F11) below the filter so that the gas in the filter can be discharged into the atmosphere.

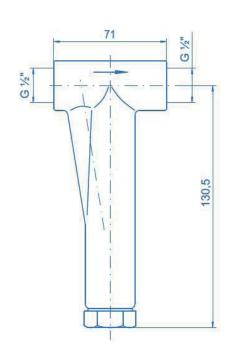


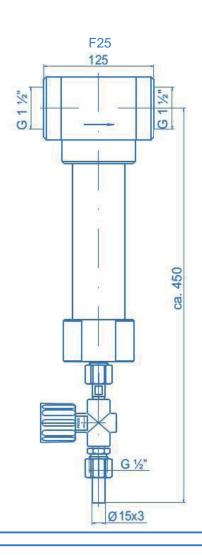
# **Filter F11 + F25**



## **Dimensions and connections**

F11





Ordering information: Filter F11 and F25

F11 - NFG

Type

F11

F25

Type of gas

NFG non flammable gases

**FG** flammable gases (except acetylene)

O2 oxygen

## **Spare parts**

**F11** Filter cartridge 770.54100

F25 Filter cartridge 770.54101

O-ring (51x2,5) 60RK0019 O-ring (46x3) 60RK0020

