

Filter F11 + F25

spectrotec



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 (Nm³/h)

Nominal flow = Actual flow x pressure (abs.)

Q in Actual flow / hour F11: max. 27 m³/h (20 µm)

F11: max. 60 m³/h (40 µm)

F25: max. 120 m³/h

e.g. filter F11: 60 m³/h at 30 bar line pressure equals:

60 m³/h x 31 bar = 1860 m³/h

Technical data

Max. Flow rate Q*	F11: 18.000 Nm³/h F25: 24.000 Nm³/h
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Operating pressure P	max. 300 bar
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Pore diameter (F11)	20 ... 25 µm 40 ... 45 µm
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Mesh size (F25)	60 ... 65 µm
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Filter area	F11: 29 cm² F25: 174 cm²
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Materials	
Body:	brass
Filter cartridge:	F11: sintered bronze F25: tin bronze

In- / outlet	F11: G ½" female F25: G 1 ½" female
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Temperature range	-20°C to +60°C
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Leak rate	≤10 ⁻⁴ mbar l/s He
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Weight	F11: 0,9 kg F25: 10 kg
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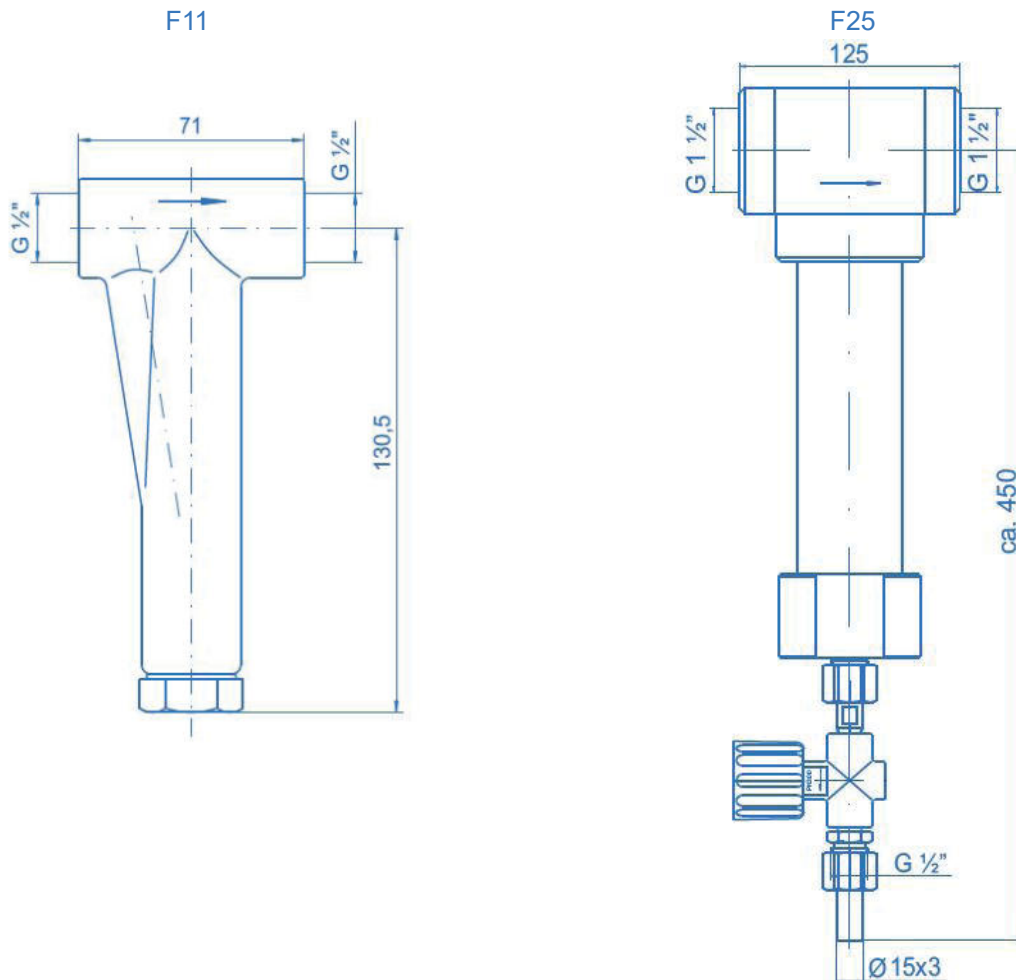
Attention

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.

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Dimensions and connections



Ordering information: Filter F11 and F25

F11-40 - NFG

Type

F11-20
F11-40
F25

Type of gas

NFG non flammable gases
FG flammable gases (except acetylene)
O2 oxygen

Spare parts

F11-40 Filter cartridge 770.54100

F25 Filter cartridge 770.54101
O-ring (51x2,5) 60RK0019
O-ring (46x3) 60RK0020