



JSF-2 Acid Filter



APPLICATION

- For extractive gas analysis
- For emission and process monitoring
- For removal of aerosols (liquid particles) from sample gas even at high pressures
- For protection of the analyzers
- Directly upstream the analyzer for integration into gas analysis systems

BENEFITS

- Reliable continuous aerosol filtration
- Reduction of acid dew point
- No falsification of sample gas
- Easy mounting and integration in gas analysis systems
- Long lifetime of the filter elements with upstream dust filtration
- Low and easy maintenance effort
- Corrosion resistant

FEATURES

- For wall mounting
- Corrosion resistant materials: PVDF, Duran glass, PP, FKM
- Compact robust construction
- Small dead volume
- Low-pressure drop
- Suitable for high flow rates



TECHNICAL DATA

MODEL

JSF-2

Description	acid filter for removal of aerosols (liquid particles)
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OPERATION

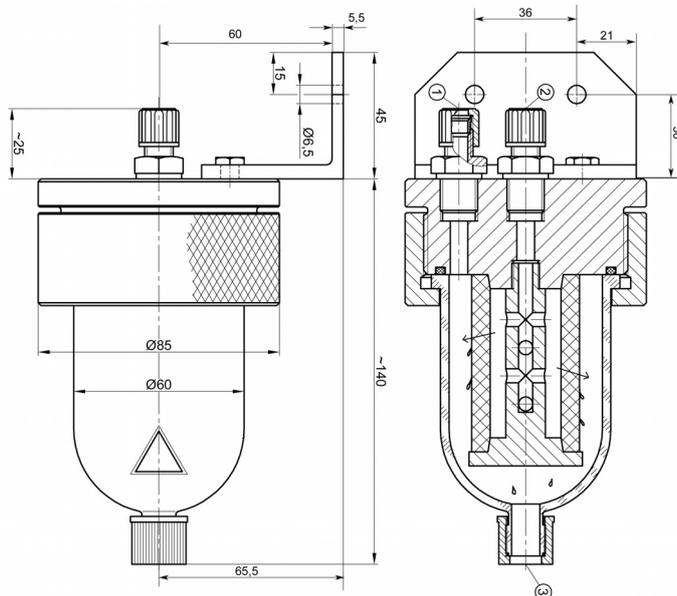
Sample gas flow rate	max. 1,000 l air/h
Sample gas inlet temperature	-5° to +80 °C [23° to 176 °F]
Max. operating pressure	max. 1.5 bara [max. 21.8 psia]
Pressure drop	15 mbar at 300 l air/h

CONSTRUCTION

Dimensions (W x H x D)	85 x 185 x 103.5 mm [3.35 x 7.28 x 4.07 in] incl. mounting bracket
Installation	wall mounted
Mounting	horizontal
Weight	0.525 kg [1.16 lbs]
Housing / Color	glass, PVDF, PP / natural
Sample gas wetted materials	PVDF, Duran glass, PP, FKM
Dead volume	130 ml [4.4 fl oz]
Connection sample gas inlet and outlet	DN 4/6 mm hose fitting on GL14
Connection condensate outlet	blind plug; optional 4/6 mm hose fitting on GL14
Filter element	borosilicate glass, 0.1 µm pore size
Filter surface	170 cm ²

DIMENSIONS

dimensions in mm



- | | |
|---|--|
| 1 | Aerosol free sample gas OUT |
| 2 | Aerosol containing sample gas IN |
| 3 | Liquid OUT (GL14 PVDF adapter not shown) |

ORDER CODES

PartNo	Description
36.11307	JSF-2 acid filter made of PVDF and glass, incl. filter element, wall mounting bracket, 2 fittings for 6 mm hose connection and GL14 blind plug for liquid out
36.11309	JSF-2 acid filter element 0.1 µm, 35 x 65 mm
36.11310	Blind plug for liquid out
36.11306	Connection adapter for JSF-2 acid filter; liquid out to 4/6 mm hose