



JCT
Analysentechnik

JAF-1 Liquid Stop



APPLICATION

- For extractive gas analysis
- For emission and process monitoring
- For analyzer protection
- Reliable prevention of liquid breakthrough to the analyzer
- For installation upstream gas analyzers

BENEFITS

- Separates reliably sample gas from liquids and dust
- No liquid breakthrough possible
- Separation of residual dust e.g. after a change of the dust filter element in a gas analysis system
- Easy mounting and integration in gas analysis systems
- Alerting by upstream flow monitoring
- Corrosion resistant
- Gas tight

FEATURES

- Semipermeable membrane with fluoropolymer coating
- Fine filter with 0,1 μm
- Low dead volume
- Low pressure drop
- Low dimensions
- Suitable for high ambient temperatures
- Variable connection technology
- Gas flow is interrupted with completely wet membrane

Gas Sampling Probes

Heated Sample Lines

Sample Gas Coolers

Condensate Treatment

Accessories

Gas Conditioning Systems

Sample Gas Converters

TECHNCAL DATA

Model

JAF-1

Description	Liquid stop for analyzer protection
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Operation

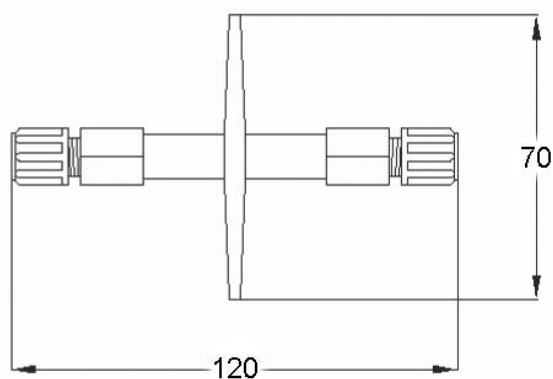
Flow	max. 400 NI/hr
Operating temperature	0° to 80°C
Operating pressure	max. 3 bara
Pressure drop at 100 / 400 NI/hr air	10 / 40 mbar

Construction

Dimensions over all (Ø x L)	70 x 120 mm (with hose fittings)
Connections inlet / outlet	NPT 1/8" male or hose fitting DN 4/6 mm
Gas wetted materials	PTFE, PP, fluor polymer
Dead volume	approx. 5 ml
Filter porosity / filter surface	0,1 µm / 20 cm ²
Approvals / signs	CE

DIMENSIONS

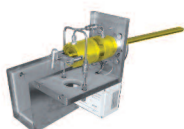
Dimensions in mm



ORDER CODES

Order code	Description
36.00300	JAF-1 liquid stop with 2 hose fittings DN 4/6 mm out of PP
36.00301	JAF-1 liquid stop with 2 connection threads NPT 1/8" male

Gas Sampling **Probes**



Heated Sample **Lines**



Sample Gas **Coolers**



Gas Conditioning **Systems**



NOx **Converter**



and solutions for



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