



Ambient Air Filter RAF-PV-30

The AGF-PV-30 series features a PVDF and glass housing and is equipped with the Bühler Unique quick-release fastener. The filter head has an additional connection for installing a moisture detector. A variety of materials is available based on the application.

Warehouse technology and other areas in food technology frequently require monitoring the composition of the ambient atmosphere. Ensuring reliable analysis results requires conditioning the sample gas. This also includes filtering out any particular matter in the sample gas.

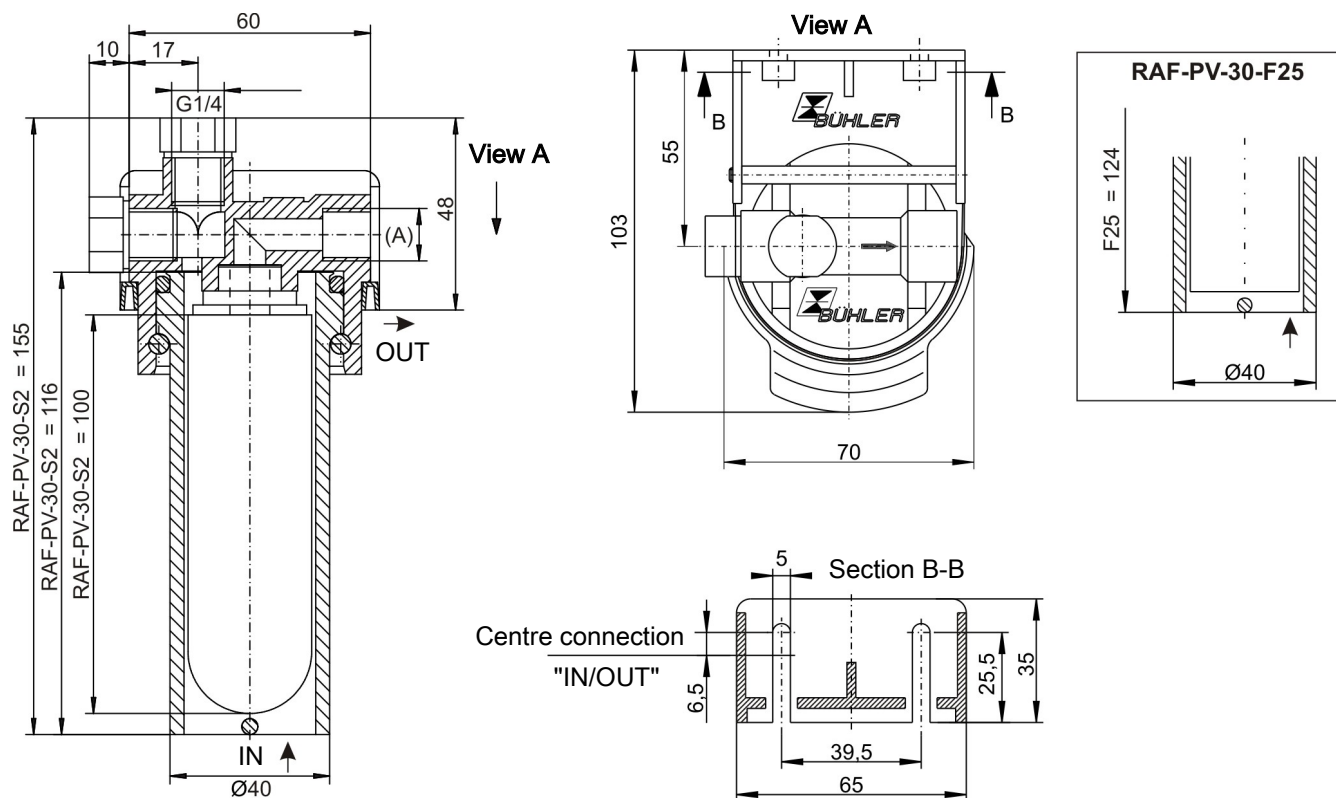
Bühler Unique quick-release fastener

Very quick and easy filter changes without tools

Variable wall mount



Dimensions



Use in explosive areas (additional notices):

The filter meets the fundamental safety requirements of Directive 2014/34/EU and is suitable for use in category 2G, explosion group IIC areas. The filter is not marked, as it does not have an innate ignition source, so Directive 2014/34/EU does not apply.

Flammable gases, explosion group IIB or IIC, which could occasionally be explosive during normal operation may be conveyed through the filter.

Be sure to observe the relevant operating instructions!

Ambient temperature range when used in Ex areas: $+5\text{ °C} \leq T_{\text{amb}} \leq +60\text{ °C}$.

Technical Data

RAF-PV-30 Ambient air filter

Material – Filter head	PVDF
Material – Filter cover	Glass
Material – Gasket	Viton
Thread (A)	G1/4 or NPT 1/4" (see ordering information)
Weight	approx. 0.28 kg
Operating temperature max.	100 °C

Ordering instructions

Filter including filter element

RAF-PV-	30-S2	30-S2-I	30-F25	30-F25-I
Filter fineness:	2 µm	2 µm	25 µm	25 µm
Item no.:	4152199	4152199I	4152299	4152299I
Element:	S2	S2	F25	F25
Connections:	G1/4	NPT 1/4"	G1/4	NPT 1/4"
permissible explosion group of the external filter area:	IIC	IIC	IIB	IIB
permissible explosion group of the internal filter area:	IIC	IIC	IIB	IIB

Filter elements

Item no.	Model	Filter element	Material	Filter fineness	Filter surface	Packaging unit	permissible explosion group of the internal filter area
4101001	S2	Sleeve	Fibreglass	2 µm	80 cm ²	5 count	IIC
4101002	S2	Sleeve	Fibreglass	2 µm	80 cm ²	25 count	IIC
4102013	F25	PTFE	Sintered PTFE	25 µm	60 cm ²	5 count	IIB