



Panel-Filter AGF-FE

Especially in emission control via portal analysis systems the sample gas cannot always be extracted without particle contamination. The necessary conditioning systems must be compact and lightweight and therefore require small and light system components.

We offer special filter housings for these applications and for installation into a standard 19" rack.

The AGF-FE filters screw into the front panel with sample gas connections at the back. They are available in a variety of material combinations.

Front panel installation

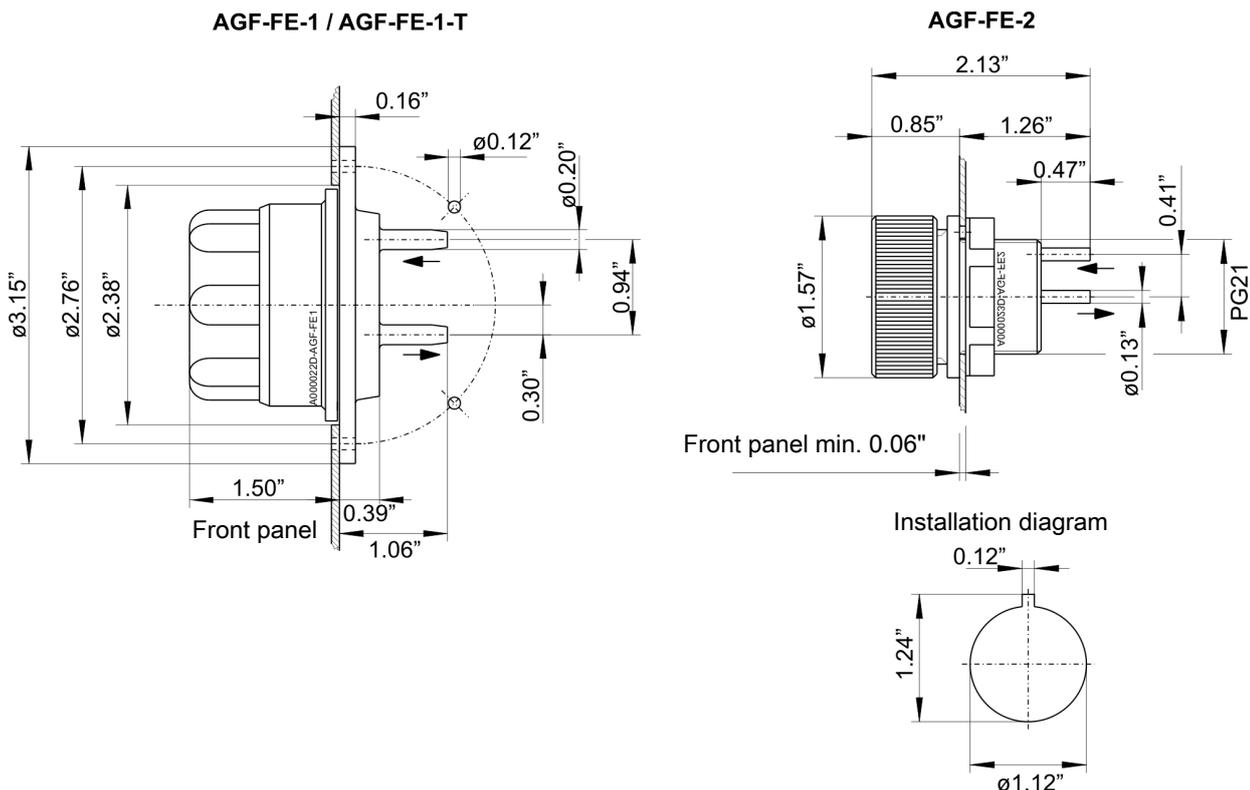
Easy installation

Large filter surface

Easy element replacement



Dimensions



Technical Data

| Built-in filter | AGF-FE-1 | AGF-FE-1-T | AGF-FE-2 |
|---------------------------|--------------------------|---------------------|--------------------------|
| Filter surface | 6.2 in ² | 6.2 in ² | 2.0 in ² |
| Filter fineness | 2 μm | 2 μm | 8 μm |
| Dead volume | 1.5 cu. in. | 1.5 cu. in. | 0.37 cu. in. |
| Material - filter housing | PC | PC | PVDF / 1.4571 |
| Material - gasket | Viton | Viton | Viton |
| Material - filter element | Fibreglass / epoxy resin | PTFE | Fibreglass / epoxy resin |
| Connections | DN 4/6 | DN 4/6 | DN 2/4 |
| Operating pressure max. | 29 psig | 29 psig | 29 psig |
| Medium temperature | max. 175 °F | max. 175 °F | max. 175 °F |

Ordering instructions

Filter*

| Item no. | Model |
|------------|---------------------------------|
| 41 15 9991 | AGF-FE-1 |
| 41 15 8991 | AGF-FE-1-T |
| 41 15 099 | AGF-FE-2 |
| 90 09 162 | O-ring for model FE-E1 / FE-1-T |
| 41 28 011 | O-ring for model FE-E2 |

* one filter element is included with delivery.

Filter elements

| Item no. | Model | for filter model | Packing unit |
|--------------|--------|------------------|--------------|
| 41 15 00 10 | FE-E1 | AGF-FE-1 | 5 pieces |
| 41 15 00 90 | FE-1-T | AGF-FE-1-T | 5 pieces |
| 41 15 09 910 | FE-E2 | AGF-FE-2 | 5 pieces |