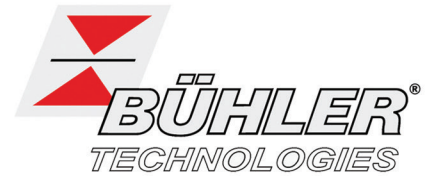
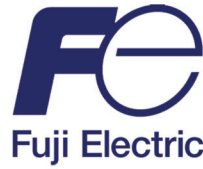


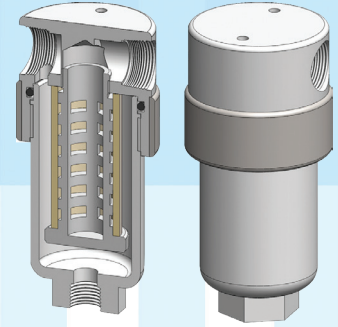


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# DRM Technic

Suppliers of Gas Analysis Equipment



## FHx-FF PTFE FILTER HOUSINGS

FHx-FF Filter Housings are specified for 1/4" line applications where PTFE is required and a good response time is critical.

### FEATURES

**Materials: PTFE | Ports: 1/4" NPT (F) | Pressure: 7 Bar | Elements: See Specifications**

### SPECIFICATIONS

Product No.	FH1-FF	FH2-FF	FH3-FF
<b>General</b>			
Port Size	1/4" NPT (F)	1/4" NPT (F)	1/4" NPT (F)
Drain	1/4" NPT (F)	1/4" NPT (F)	1/4" NPT (F)
Max. Pressure	7 Bar	7 Bar	7 Bar
Max. Temperature	150 °C	150 °C	150 °C
<b>Materials of Construction</b>			
Head and Internals	PTFE	PTFE	PTFE
Bowl	PTFE	PTFE	PTFE
Seals	Viton	Viton	Viton
<b>Suitable Elements</b>			
Coalescing Filter Element	FH1-CFE	FH2-CFE	FH3-CFE
Particulate Filter Element	FH1-PFE	FH2-PFE	FH3-PFE
Adsorber Cartridge Code <sup>1</sup>	FH1-ATEX	FH2-ATEX	FH3-ATEX
<b>Principal Dimensions</b>			
Diameter	40 mm	60 mm	60 mm
Height	105.5 mm	128.5 mm	263 mm
Volume	35 cc	90 cc	90 cc
Weight	0.12 kg	0.47 kg	0.7 kg

### ACCESSORIES

Mounting Bracket	SMB	LMB	LMB
Fittings Kit	LFK	LFK	LFK
Catchpot Housing	--	FH2-FF-CP	--
Bubbler Housing	--	FH2-FF-BB	--

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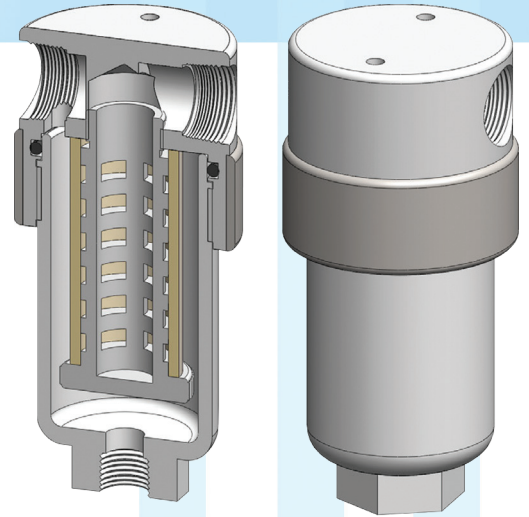
# DRM Technic

Suppliers of Gas Analysis Equipment

## FHx-FF PTFE FILTER HOUSINGS

### PARTS LIST

Housing	FHx-FF
Filter Element	FHx-xFE
Adsorber Element	FHx-ATEx
Mounting Bracket	xMB
Fittings Kit	xFK



### FILTER GRADES

The efficiency depends on the flow rate and pressure but for analytical applications with typically low flows, you can consider:

Grade 5	Grade 6	Grade 7	Grade 8
0.1 Micron	1.0 Micron	10.0 Micron	+50.0 Micron
0.2 Micron	2.0 Micron	20.0 Micron	
	5.0 Micron		

### ADSORBER GRADES

Grade	Adsorber	Principal Uses
1	Activated Carbon Granules	Removal of hydrocarbons and other organic vapours
2	Activated Carbon Cloth	Removal of hydrocarbons and other organic vapours
3	Molecular Sieve 4A	Removal of CO <sub>2</sub> , NH <sub>3</sub> , H <sub>2</sub> S, and SO <sub>x</sub>
4	Molecular Sieve 13X	Removal of CO <sub>2</sub> , NH <sub>3</sub> , H <sub>2</sub> S, SO <sub>x</sub> , aromatics and amines
5	Silica Gel (Blue)	Removal of water vapour
5a	Silica Gel (Orange)	Removal of water vapour
6	Mixed Bases (Soda Lime)	Removal of acidic gases, CO <sub>2</sub> , SO <sub>x</sub> , NO <sub>x</sub> and HCl
7	Potassium Permanganate	Removal of SO <sub>x</sub> and other acidic gases
8	Hopcalite	Removal of CO by catalytic conversions to CO <sub>2</sub>

**FOOTNOTES:** <sup>1</sup> Replace "x" with the grade of adsorber required; ie. FH1-ATE3. For more details on the grades available, see the adsorber grade box above.

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