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# DRM Technic

Suppliers of Gas Analysis Equipment

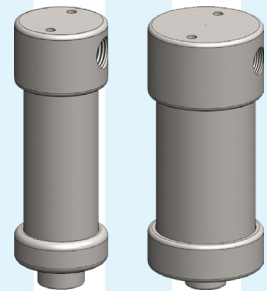
**FHx-SS Stainless Steel  
Filter Housings**

## FHx-SS STAINLESS STEEL FILTER HOUSINGS

FHx-SS series filter housings are specified for high pressure 1/4" line applications where a fast response time is critical.

### FEATURES

**Materials: 316L Stainless Steel | Ports: 1/4" NPT (F) | Pressure: 10 Bar**



### SPECIFICATIONS

Product No.	FH1-SS	FH2-SS	FH3-SS
<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	10 Bar	10 Bar	10 Bar
Max. Temperature	200 °C	200 °C	200 °C
<b>Materials of Construction</b>			
Head and Internals	316L SS	316L SS	316L SS
Bowl	316L SS	316L SS	316L SS
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-ADEx	FH2-ADEx	FH3-ATEx
<b>Principal Dimensions</b>			
Diameter	40 mm	56 mm	56 mm
Height	118.5 mm	132.5 mm	245 mm
Volume	45 cc	70 cc	250 cc
Weight	0.4 kg	1.2 kg	1.3 kg

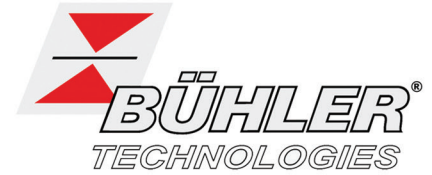
### ACCESSORIES

Mounting Bracket	SMB	LMB	LMB
Support Core	FH1-SC	FH2-SC	FH3-SC
Fittings Kit	LFK	LFK	LFK
Catchpot Housing	--	FH2-SS-CP	--
Bubbler Housing	--	FH2-SS-BB	--

CONTACT US: DRM Technic, 15C Raleigh Hall Industrial Estate, Stafford, Staffordshire, ST21 6JL



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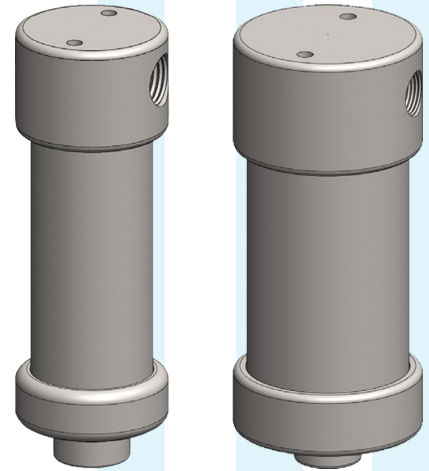
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## FHx-SS STAINLESS STEEL FILTER HOUSINGS

### PARTS LIST <sup>1</sup>

Housing	FHx-SS
Filter Element	FHx-xFE
Adsorber Element	FHx-ADEx
Mounting Bracket	xMB
Support Core	FHx-SC
Fittings Kit	LFK



### 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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