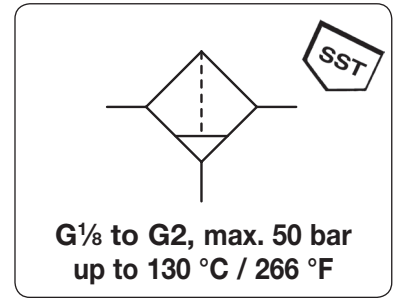


# Filter Made of Stainless Steel Throughout, up to 50 bar

**F3000**

<b>Description</b>	Filter with bowl without sight glass completely made of stainless steel, extremely robust, suitable for compressed air, gases or liquids. Application examples are the chemistry, petroleum processing as well as food industry and medical technology.
<b>Filter element</b>	50 µm, optionally 5 µm, made of stainless steel
<b>Bowl</b>	stainless steel version without sight glass
<b>Drainage</b>	screw plug as standard, optionally manual drain (max. 30 bar) or automatic drain (max. 16 bar)
<b>Operating pressure</b>	max. 50 bar (without drain)
<b>Temperature range</b>	0 °C to 60 °C / 32 °F to 140 °F for NBR/Buna-N or FKM 0 °C to 130 °C / 32 °F to 266 °F for high temperature version for appropriately conditioned compressed air down to -20 °C / -4 °F
<b>Material</b>	Body: stainless steel 316L, material no. 1.4404 Bowl: stainless steel 316L, material no. 1.4404 Elastomer: NBR/Buna-N, optionally FKM Inner valve: stainless steel 316L, material no. 1.4404



Dimensions			Bowl capacity l	Flow rate m <sup>3</sup> /h*1 l/min*1	Operating pressure max. bar	Filter element µm	Connection thread G	Order number
A	B	C						

Stainless steel filter, up to 50 bar								with screw plug, 50 µm	F3000
40	95	82	0.04	45	750	50	50	G <sup>1</sup> / <sub>8</sub>	F3000-01
				45	750			G <sup>1</sup> / <sub>4</sub>	F3000-A2
65	120	107	0.15	54	900	50	50	G <sup>1</sup> / <sub>4</sub>	F3000-02
				60	1000			G <sup>3</sup> / <sub>8</sub>	F3000-03
80	145	123	0.28	150	2500	50	50	G <sup>1</sup> / <sub>2</sub>	F3000-04
				162	2700			G <sup>3</sup> / <sub>4</sub>	F3000-A6
100	191	165	0.58	432	7200	50	50	G <sup>3</sup> / <sub>4</sub>	F3000-06
				432	7200			G1	F3000-08
200	258	223	1.00	900	15000	50	50	G1 <sup>1</sup> / <sub>2</sub>	F3000-12
				960	16000			G2	F3000-16

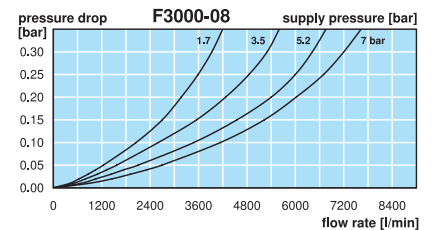
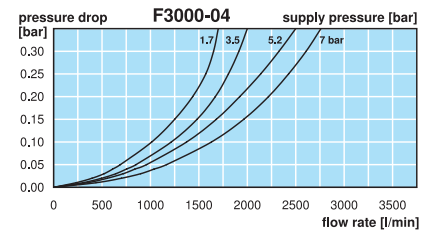
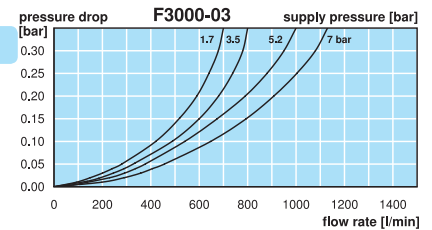
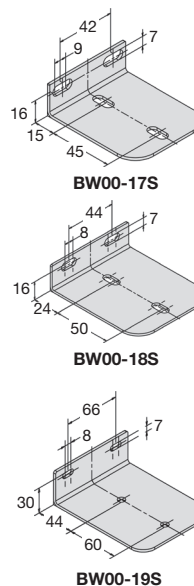
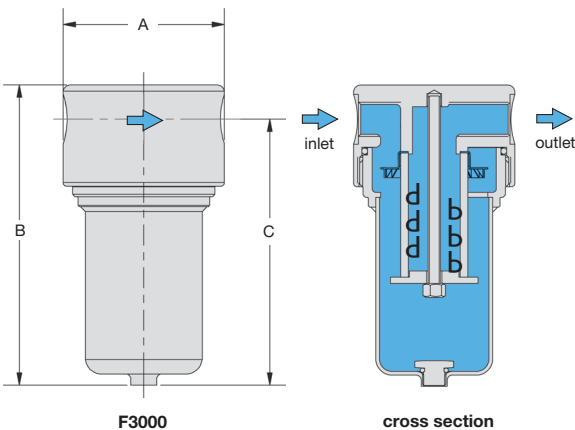


## Special options, add the appropriate letter

<b>5 µm filter element</b>		for G <sup>1</sup> / <sub>4</sub> (02) and G <sup>3</sup> / <sub>4</sub> (A6)	F3000-..G
		for G <sup>3</sup> / <sub>4</sub> and G1	F3000-..G
		for G1 <sup>1</sup> / <sub>2</sub> and G2	F3000-..G
<b>NPT</b>			F3000-..N
<b>up to 130 °C / 266 °F</b>	connection thread		F3000-..X54
<b>manual drain</b>	high temperature version		F3000-..H
<b>automatic drain</b>	max. 30 bar	for G <sup>1</sup> / <sub>4</sub> (02) to G2	F3000-..R
<b>EPDM elastomer</b>	max. 16 bar		F3000-..E
<b>FKM elastomer</b>			F3000-..V
<b>nitrogen N<sub>2</sub>: 07</b>	<b>ammonia NH<sub>3</sub>: 02</b>	<b>carbon dioxide CO<sub>2</sub>:</b>	F3000-..03
<b>argon Ar: 05</b>	<b>helium He: 09</b>	<b>hydrogen H<sub>2</sub>:</b>	F3000-..11
<b>methane CH<sub>4</sub>: 13</b>	<b>oxygen O<sub>2</sub>: 15</b>	<b>propane C<sub>3</sub>H<sub>6</sub>:</b>	F3000-..16
<b>nitrous oxide N<sub>2</sub>O: 17</b>		<b>water H<sub>2</sub>O:</b>	F3000-..W
<b>flange connection</b>	see end of the chapter / flanges		F3000-..F.

## Accessories, enclosed

<b>mounting bracket</b>	for G <sup>1</sup> / <sub>4</sub> and G <sup>3</sup> / <sub>8</sub>	<b>BW00-17S</b>
	for G <sup>1</sup> / <sub>2</sub> and G <sup>3</sup> / <sub>4</sub> (A6)	<b>BW00-18S</b>
	for G <sup>3</sup> / <sub>4</sub> (06) and G1	<b>BW00-19S</b>



\*1 at 7 bar operating pressure and 0.33 bar pressure drop

**Extensions:** see chapter for FRL service units  
**Spare parts:** see separate spare parts list

PDF CAD  
www.aircom.net

**Order example:**  
F3000-01