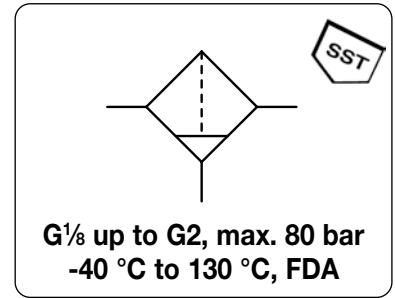


# STAINLESS STEEL COMPRESSED AIR FILTER, UP TO 80 BAR

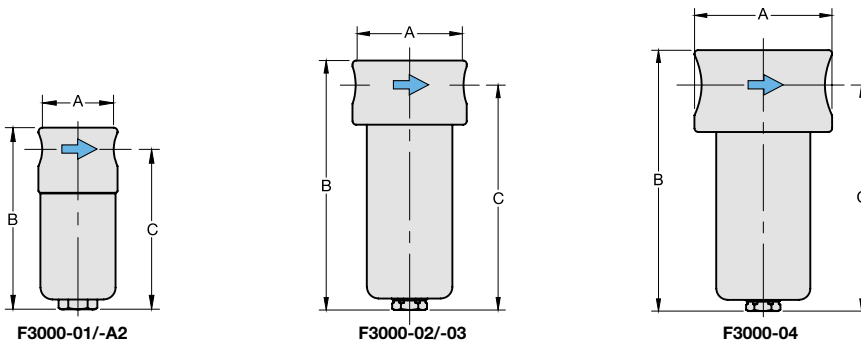
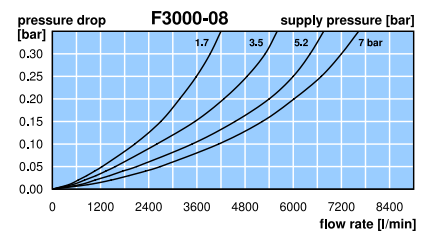
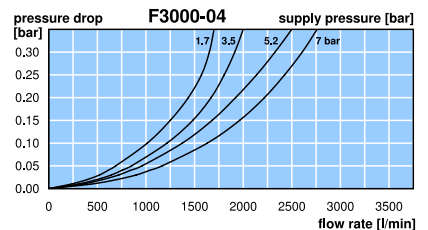
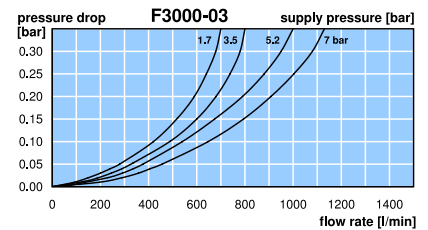
F3000

<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, coalescing filter 0.1 µm at 99,99% stainless steel version without sight glass
<b>Bowl</b>	screw plug as standard,
<b>Drainage</b>	optionally for compressed air only: manual drain (max. 30 bar), automatic drain (max. 16 bar)
<b>Operating pressure</b>	max. 50 bar (without drain), optionally manual drain (max. 30 bar) or automatic drain (max. 16 bar)
<b>Temperature range</b>	0 °C to 80 °C / 32 °F to 176 °F for FKM or EPDM 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, or low temperature version down to -40 °C / -40 °F
<b>Material</b>	Body: stainless steel 316L, material no. 1.4404 Bowl: stainless steel 316L, material no. 1.4404 Elastomer: FKM, optionally EPDM Inner valve: stainless steel 316L, material no. 1.4404



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

Stainless steel filter, up to 50 bar with screw plug								F3000	
40	92	81	0.03	45	750	50	50	G <sup>1</sup> / <sub>8</sub>	F3000-01 F3000-01G
40	92	81	0.03	45	750	50	50	G <sup>1</sup> / <sub>4</sub>	F3000-A2 F3000-A2G
64	140	125	0.14	54	900	50	50	G <sup>1</sup> / <sub>4</sub>	F3000-02 F3000-02G F3000-02I
64	140	125	0.14	60	1000	50	50	G <sup>3</sup> / <sub>8</sub>	F3000-03 F3000-03G F3000-03I
79	150	130	0.20	150	2500	50	50	G <sup>1</sup> / <sub>2</sub>	F3000-04 F3000-04G F3000-04I
137	194	167	0.50	432	7200	50	50	G <sup>3</sup> / <sub>4</sub>	F3000-06 F3000-06G F3000-06I
137	194	167	0.50	432	7200	50	50	G1	F3000-08 F3000-08G F3000-08I
241	194	167	0.50	432	7200	50	50	G <sup>1</sup> / <sub>4</sub>	F3000-10 F3000-10G F3000-10I
241	194	167	0.50	432	7200	50	50	G <sup>1</sup> / <sub>2</sub>	F3000-1A F3000-1AG F3000-1AI
171	254	218	1.00	900	15000	50	50	G <sup>1</sup> / <sub>2</sub>	F3000-12 F3000-12G
171	254	218	1.00	960	16000	50	50	G2	F3000-16 F3000-16G



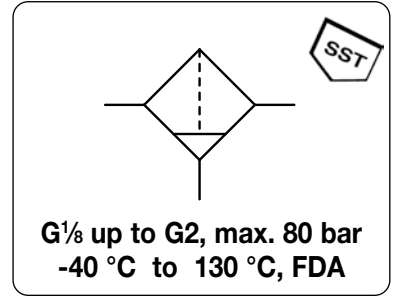
\*1 at 7 bar operating pressure and 0.33 bar pressure drop

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

PDF CAD  
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Order example:  
F3000-01

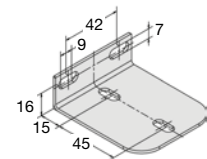
<b>Description</b>	Filter with bowl without sight glass completely made of stainless steel, extremely robust, suitable for compressed air, gases or liquids. Application examples are the chemistry, petroleum processing as well as food industry and medical technology.
<b>Filter element</b>	50 µm, optionally 5 µm, made of stainless steel, coalescing filter 0.1 µm at 99,99%
<b>Bowl</b>	stainless steel version without sight glass
<b>Drainage</b>	screw plug as standard, optionally for compressed air only: manual drain (max. 30 bar), automatic drain (max. 16 bar)
<b>Operating pressure</b>	max. 50 bar (without drain), optionally manual drain (max. 30 bar) or automatic drain (max. 16 bar)
<b>Temperature range</b>	0 °C to 80 °C / 32 °F to 176 °F for FKM or EPDM 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, or low temperature version down to -40 °C / -40 °F
<b>Material</b>	Body: stainless steel 316L, material no. 1.4404 Bowl: stainless steel 316L, material no. 1.4404 Elastomer: FKM, optionally EPDM Inner valve: stainless steel 316L, material no. 1.4404



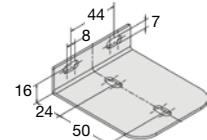
Dimensions			Bowl capacity l	Flow rate m <sup>3</sup> /h*1 l/min*1	P <sub>1</sub> max. bar	Filter element µm	Connection thread G	Order number
A	B	C						
mm	mm	mm						

## Special options, add the appropriate letter

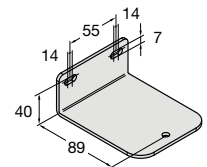
<b>NPT</b>	connection thread	for G <sup>1</sup> / <sub>8</sub> and G <sup>1</sup> / <sub>4</sub> (A2)	F3000-..N
<b>NPT</b>	connection thread	for G <sup>1</sup> / <sub>4</sub> (02) to G <sub>2</sub>	F3000-..N
<b>P<sub>1</sub>: max. 80 bar</b>		for G <sup>1</sup> / <sub>4</sub> (02) to G <sub>2</sub>	F3000-..X48
<b>down to -40 °C / -40 °F</b>	low temperature version		F3000-..X51
<b>up to 130 °C / 266 °F</b>	high temperature version		F3000-..X54
<b>manual drain</b>	max. 30 bar		F3000-..H
<b>automatic drain</b>	max. 16 bar	for G <sup>1</sup> / <sub>4</sub> (02) to G <sub>2</sub>	F3000-..R
<b>EPDM-elastomer</b>			F3000-..E
<b>EPDM-elastomer</b>	FDA-approval		F3000-..TD
<b>ammonia</b>	NH <sub>3</sub>		F3000-... 02
<b>carbon dioxide</b>	CO <sub>2</sub>		F3000-... 03
<b>argon</b>	Ar		F3000-... 05
<b>nitrogen</b>	N <sub>2</sub>		F3000-... 07
<b>helium</b>	He		F3000-... 09
<b>hydrogen</b>	H <sub>2</sub>		F3000-... 11
<b>methane</b>	CH <sub>4</sub>		F3000-... 13
<b>natural gas *2</b>			F3000-... 14
<b>oxygen</b>	O <sub>2</sub>		F3000-... 15
<b>propane</b>	C <sub>3</sub> H <sub>8</sub>		F3000-... 16
<b>nitrous oxide</b>	N <sub>2</sub> O		F3000-... 17
<b>flange connection</b>	see end of the chapter / flanges		F3000-... F.



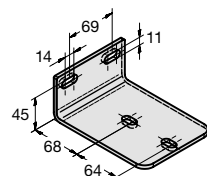
**BW00-17S**



**BW00-18S**



**BW00-28S**

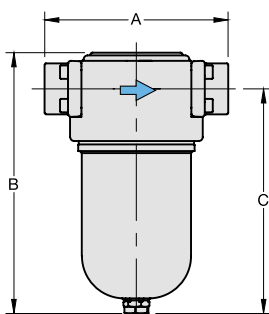


**BW00-63S**

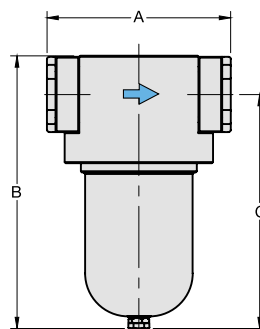


## Accessories, enclosed

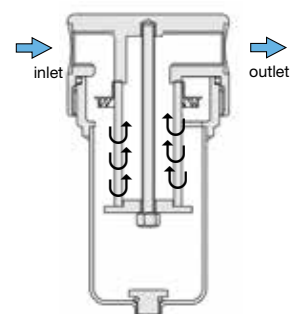
<b>mounting bracket</b>	for G <sup>1</sup> / <sub>4</sub> (02) and G <sup>3</sup> / <sub>8</sub>	<b>BW00-17S</b>
	for G <sup>1</sup> / <sub>2</sub>	<b>BW00-18S</b>
	for G <sup>3</sup> / <sub>4</sub> (06) to G <sup>1</sup> / <sub>2</sub> (1A)	<b>BW00-19S</b>
	for G <sup>1</sup> / <sub>2</sub> (12) and G <sub>2</sub>	<b>BW00-63S</b>



**F3000-06/-08/-10/1A**



**F3000-12/-16**



**cross-section**

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

\*2 without DVWG-approval

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

**PDF CAD**  
www.aircom.net



**Order example:**  
**BW00-17S**