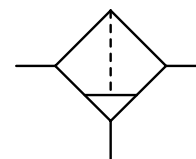


STAINLESS STEEL COMPRESSED AIR FILTER, UP TO 80 BAR

F3000

Description	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.
Filter element	50 µm, optionally 5 µm, made of stainless steel, coalescing filter 0.1 µm at 99,99%
Bowl	stainless steel version without sight glass
Drainage	screw plug as standard, optionally for compressed air only: manual drain (max. 30 bar), automatic drain (max. 16 bar)
Operating pressure	max. 50 bar (without drain), optionally manual drain (max. 30 bar) or automatic drain (max. 16 bar)
Temperature range	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
Material	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



SST

G¹/₈ up to G2, max. 80 bar
-40 °C to 130 °C, FDA

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

Stainless steel filter, up to 50 bar with screw plug F3000

40	92	81	0,03	45	750	50	50	G ¹ / ₈	F3000-01 F3000-01G
40	92	81	0,03	45	750	50	50	G ¹ / ₄	F3000-A2 F3000-A2G
64	140	125	0,14	54	900	50	50	G ¹ / ₄	F3000-02 F3000-02G
64	140	133					0,01		F3000-02I
109	140	123	0,2	150	2500	50	50	G ³ / ₈	F3000-03 F3000-03G
64	140	133					0,01		F3000-03I
109	140	123	0,2	150	2500	50	50	G ¹ / ₂	F3000-04 F3000-04G
79	158	138	0,2	150	2500	50	0,01		F3000-04I
137	194	167	0,50	432	7200	50	50	G ³ / ₄	F3000-06 F3000-06G
							0,01		F3000-06I
137	194	167	0,50	432	7200	50	50	G1	F3000-08 F3000-08G
							0,01		F3000-08I
241	194	167	0,50	432	7200	50	50	G1 ¹ / ₄	F3000-10 F3000-10G
							0,01		F3000-10I
241	194	167	0,50	432	7200	50	50	G1 ¹ / ₂	F3000-1A F3000-1AG
							0,01		F3000-1AI
174	248	218	1,00	1380	23000	50	50	G1 ¹ / ₂	F3000-12 F3000-12G
				1050	17500		5		
174	248	218	1,00	1380	23000	50	50	G2	F3000-16 F3000-16G
				1050	17500		5		



F3000-02

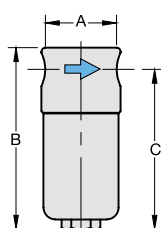
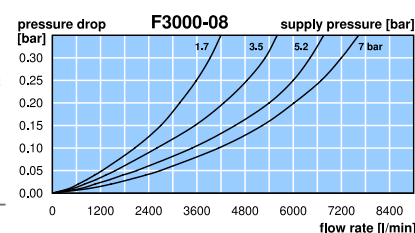
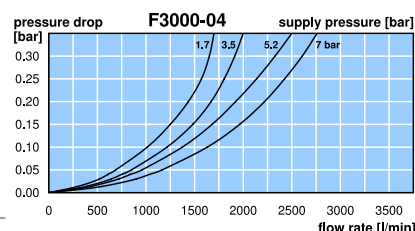
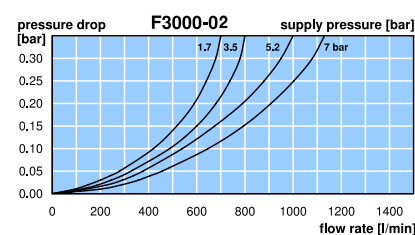


F3000-03/-04

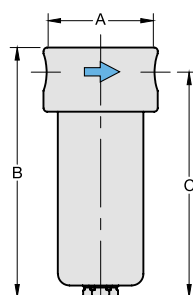
SST

SST

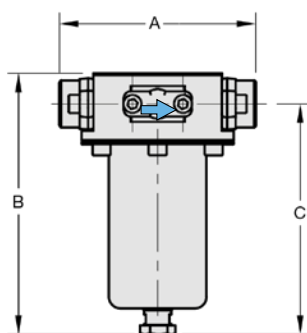
15



F3000-01/-A2



F3000-02



F3000-03/-04

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

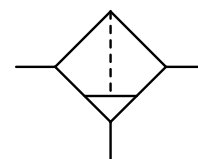
Extensions: see chapter for FRL service units
Spare parts: see separate spare parts list

PDF CAD
www.aircom.net



Order example:
F3000-01

Description	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.
Filter element	50 µm, optionally 5 µm, made of stainless steel, coalescing filter 0.1 µm at 99,99%
Bowl	stainless steel version without sight glass
Drainage	screw plug as standard, optionally for compressed air only: manual drain (max. 30 bar), automatic drain (max. 16 bar)
Operating pressure	max. 50 bar (without drain), optionally manual drain (max. 30 bar) or automatic drain (max. 16 bar)
Temperature range	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
Material	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

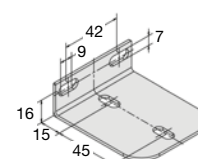


G¹/₈ up to G2, max. 80 bar
-40 °C to 130 °C, FDA

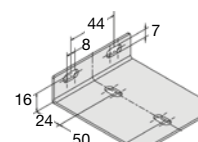
Dimensions	Bowl capacity	Flow rate	P ₁ max.	Filter element	Connection thread	Order number
A B C	l	m ³ /h*1 l/min*1	bar	µm	G	
mm mm mm						

Special options, add the appropriate letter

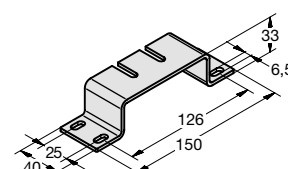
NPT	connection thread		F3000-...N
P₁: max. 80 bar		for G ¹ / ₄ (02) to G2	F3000-...X48
down to -40 °C / -40 °F	low temperature version		F3000-...X51
up to 130 °C / 266 °F	high temperature version		F3000-...X54
manual drain	max. 30 bar		F3000-...H
automatic drain	max. 16 bar	for G ¹ / ₄ (02) to G2	F3000-...R
EPDM-elastomer			F3000-...E
EPDM-elastomer	FDA-approval		F3000-...TD
ammonia	NH ₃	P ₁ max. 15 bar	F3000-...02
carbon dioxide	CO ₂		F3000-...03
argon	Ar		F3000-...05
nitrogen	N ₂		F3000-...07
helium	He		F3000-...09
hydrogen	H ₂		F3000-...11
methane	CH ₄		F3000-...13
natural gas *2			F3000-...14
oxygen	O ₂		F3000-...15
propane	C ₃ H ₈		F3000-...16
nitrous oxide	N ₂ O		F3000-...17
flange connection	see end of the chapter / flanges		F3000-...F.



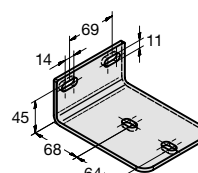
BW00-17S



BW00-18S



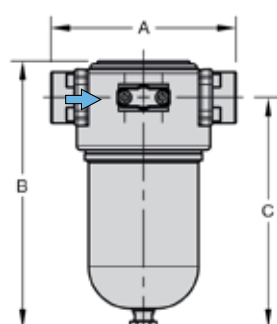
BW00-59S



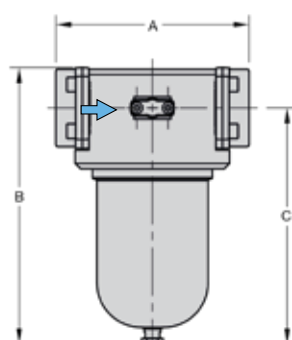
BW00-63S

Accessories, enclosed

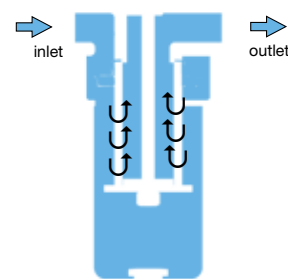
mounting bracket	for G ¹ / ₄ (02)	BW00-17S
	for G ¹ / ₂ (only 04I)	BW00-18S
	for G ³ / ₈ to G1 ¹ / ₂ (1A)	BW00-59S
	for G1 ¹ / ₂ (12) and G2	BW00-63S



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