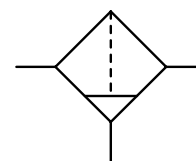


Description	Filter with bowl without sight glass, extremely robust, for compressed air, non-corrosive gases or liquids.
Filter element	50 µm, optionally 5 µm, made of stainless steel, Coalescing filter 0.01 µm at 99.99 % Bowl stainless steel version without sight glass
Drainage	screw plug as standard 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 140 °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: brass Bowl: stainless steel 316L, material no 1.4404, brass at FM-01/-A2 Elastomer: FKM, optionally EPDM Inner valve: brass and plastic (not at high temperature version)



G¹/₈ to G2, max. 50 bar
-40 °C to 130 °C / -40 °F to 266 °F

Dimensions			Bowl		Flow		Supply	Filter	Connection	Order
A	B	C	Design	Capacity	rate	max.	max.	element	thread	number
mm	mm	mm	made of	l	m ³ /h*1	l/min*1	bar	µm	G	

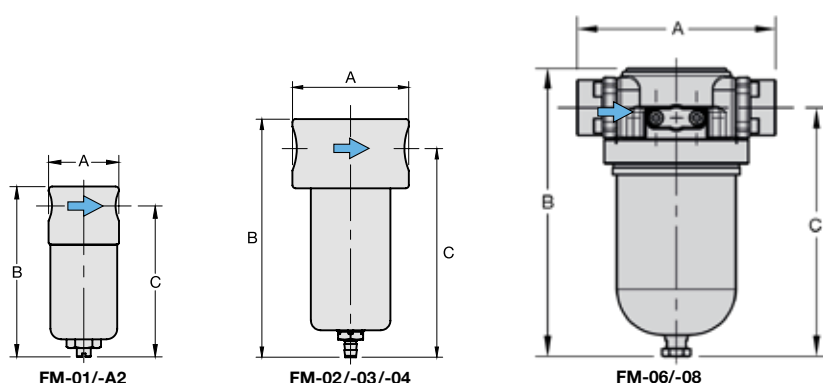
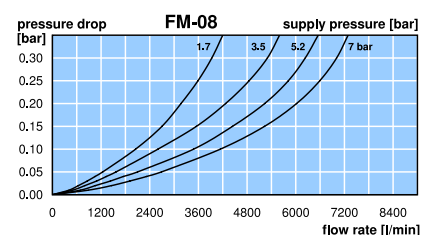
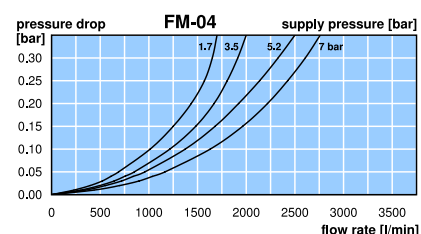
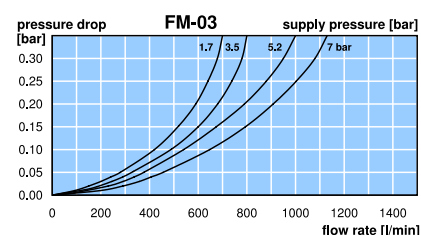
Brass filter										FM
with screw plug, operating pressure max. 50 bar, 50 µm										
40	92	81	stainless steel	0.03	45	750	50	50	G ¹ / ₈	FM-01 FM-01G
40	92	81	stainless steel	0.03	45	750	50	50	G ¹ / ₄	FM-A2 FM-A2G
64	140	125	stainless steel	0.14	54	900	50	50	G ¹ / ₄	FM-02 FM-02G FM-02I
64	149	133						0.01		
64	140	125	stainless steel	0.14	60	1000	50	50	G ³ / ₈	FM-03 FM-03G FM-03I
64	149	133						0.01		
79	150	130	stainless steel	0.20	150	2500	50	50	G ¹ / ₂	FM-04 FM-04G FM-04I
79	158	138						0.01		
136	194	167	stainless steel	0.50	432	7200	50	50	G ³ / ₄	FM-06 FM-06G FM-06I
								0.01		
136	194	167	stainless steel	0.50	432	7200	50	50	G1	FM-08 FM-08G FM-08I
								0.01		
247	194	167	stainless steel	0.50	432	7200	50	50	G1 ¹ / ₄	FM-10 FM-10G FM-10I
								0.01		
247	194	167	stainless steel	0.50	432	7200	50	50	G1 ¹ / ₂	FM-1A FM-1AG FM-1AI
								0.01		
174	248	213	stainless steel	1.00	1380	23000	50	50	G1 ¹ / ₂	FM-12 FM-12G
					1050	17500		5		
174	248	213	stainless steel	1.00	1380	23000	50	50	G2	FM-16 FM-16G
					1050	17500		5		



FM-02/-03/-04



FM-06/-08



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

Extensions: see chapter for FRL service units

PDF CAD
www.aircom.net



Order example:
FM-01

Description	Filter with bowl without sight glass, extremely robust, for compressed air, non-corrosive gases or liquids.
Filter element	50 µm, optionally 5 µm, made of stainless steel, Coalescing filter 0.01 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 140 °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: brass Bowl: stainless steel 316L, material no 1.4404, brass at FM-01/-A2 Elastomer: FKM, optionally EPDM Inner valve: brass and plastic (not at high temperature version)

Dimensions			Bowl		Flow		Supply		Filter		Connection		Order	
A	B	C	Design	Capacity	rate	rate	max.	max.	element	element	thread	thread	number	number
mm	mm	mm	made of	l	m³/h*1	l/min*1	bar	bar	µm	µm	G	G		

Special options, add the appropriate letter

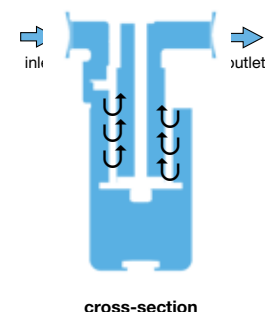
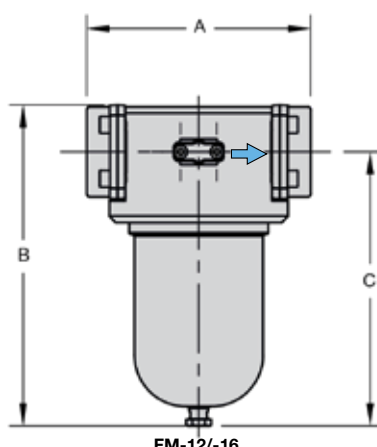
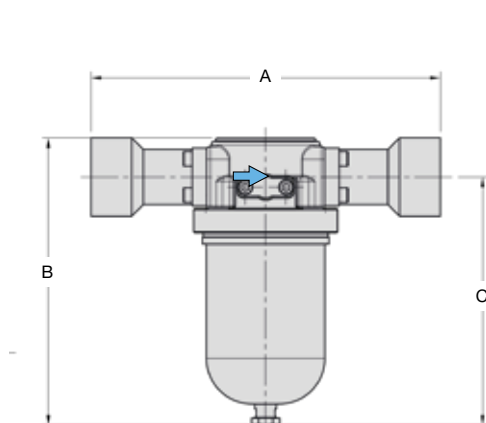
NPT	connection thread	FM-..N
down to -40 °C	low temperature version	FM-..X51
up to 130 °C	high temperature version	FM-..X54
manual drain	max. 30 bar	FM-..H
automatic drain	made of SST, max. 16 bar	FM-..R
EPDM-elastomer		FM-..E
carbon dioxide	CO ₂	FM-..03
argon	Ar	FM-..05
nitrogen	N ₂	FM-..07
helium	He	FM-..09
hydrogen	H ₂	FM-..11
methane	CH ₄	FM-..13
oxygen	O ₂	FM-..15
propane	C ₃ H ₈	FM-..16
nitrous oxide	N ₂ O	FM-..17
for water	50 µm only	FM-..W
flange connection	according to EN-1092-1 or ASME B16.5	FM-..F.

for G¼ (02) to G2

for G¼ (02) to G2
on request

Accessories, enclosed

mounting bracket	made of stainless steel	for G¼ (02) and G¾	BW00-17S
		for G½	BW00-18S
		for G¾ to G1½ (1A)	BW00-19S
set of brackets	made of stainless steel	for G1½ (12) and G2	BW00-63S



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

Extensions: see chapter for FRL service units

PDF CAD
www.aircom.net



Order example:
BW00-17S