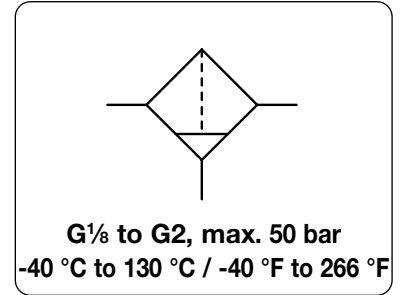


COMPRESSED AIR FILTER MADE OF BRASS, UP TO 50 BAR

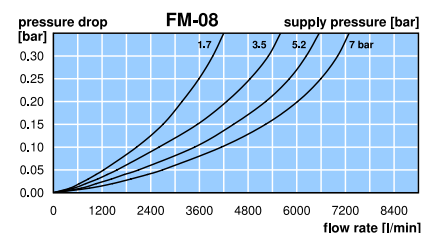
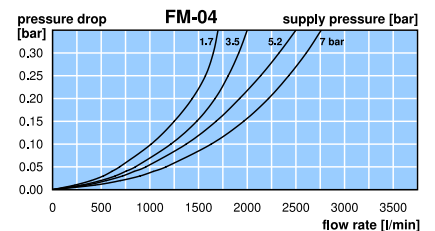
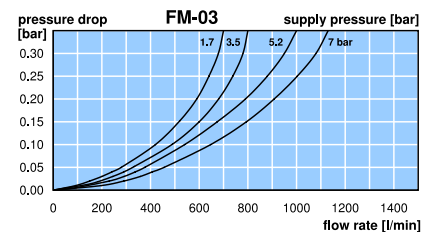
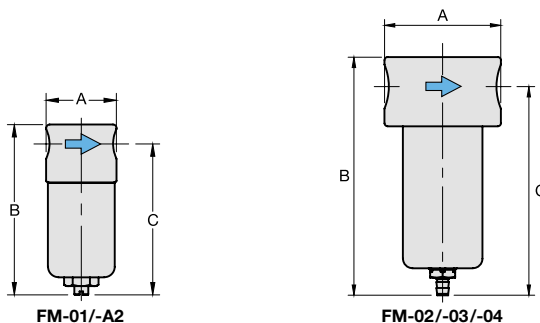
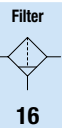
FM

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	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	element	thread	number
mm	mm	mm	made of	l	m ³ /h*1	l/min*1	µm	G

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



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

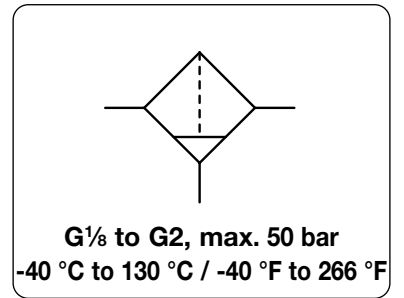
Extensions: see chapter for FRL service units

PDF CAD
www.aircom.net



Order example:
FM-01

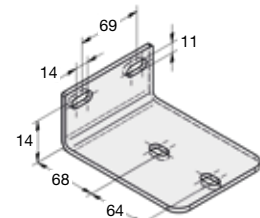
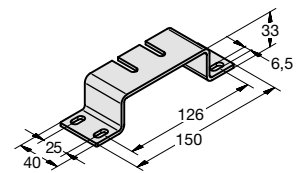
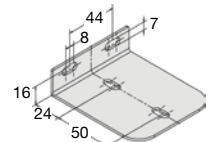
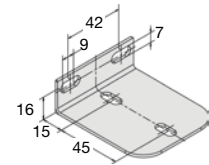
Description	Filter with bowl without sight glass, extremely robust, for compressed air, non-corrosive gases or liquids.		
Filter element	50 µm, optionally 5 µm, made of stainless steel	Bowl	stainless steel version without sight glass
Drainage	screw plug as standard optionally for compressed air only: 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	element	thread	number
mm	mm	mm	made of	l	m ³ /h*1	l/min*1	µm	G

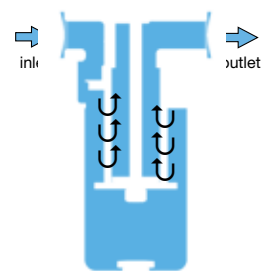
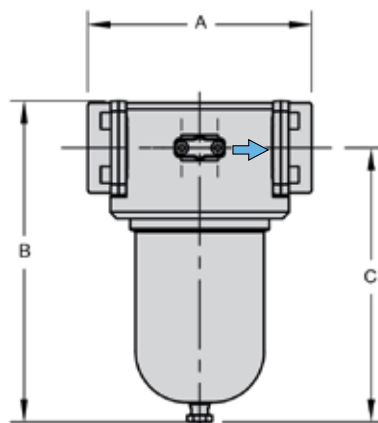
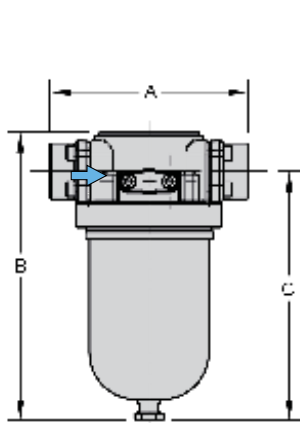
Special options, add the appropriate letter

NPT	connection thread		FM-..N
P1: max. 80 bar		for G ¹ / ₄ (02)	FM-..X48
down to -40 °C	low temperature version		FM-..X51
u p to 130 °C	high temperature version		FM-..X54
manual drain	max. 30 bar		FM-..H
automatic drain	made of SST, max. 16 bar	for G ¹ / ₄ (02)	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	for G ¹ / ₄ (02) to G2	FM-..W
flange connection	see chapter for stainless steel devices / flanges		FM-..F.



Accessories, enclosed

mounting bracket	made of stainless steel	for G ¹ / ₄ (02) and G ³ / ₈ for G ¹ / ₂	BW00-17S BW00-18S
set of brackets	made of stainless steel	for G ³ / ₄ to G1 ¹ / ₂ (1A) for G1 ¹ / ₂ (12) and G2	BW00-19S BW00-63S



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

Extensions: see chapter for FRL service units

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Order example:
BW00-17S