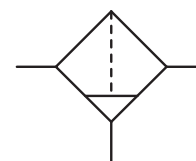


Description	Filter with bowl without sight glass, extremely robust, for compressed air, non-corrosive gases or liquids.		
Filter element	50 µm, optionally 5 µm, made of stainless steel	Bowl	stainless steel version without sight glass
Drainage	screw plug as standard optionally for compressed air only: 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)		



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	m³/h*1	l/min*1	bar	µm	G	

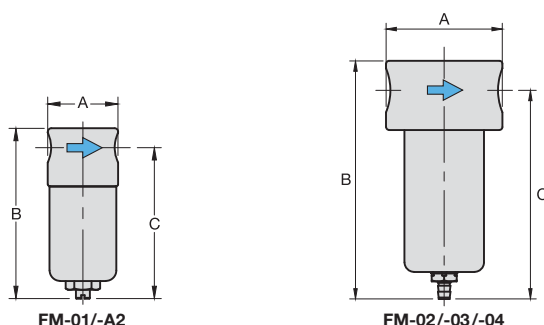
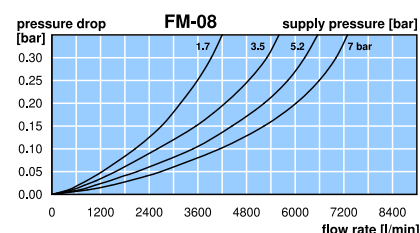
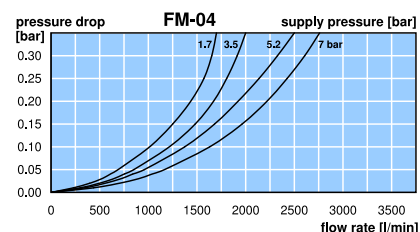
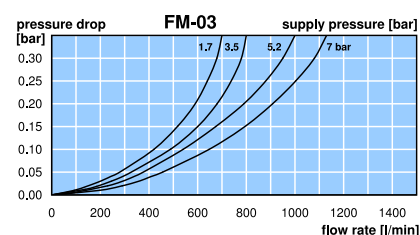
Brass filter										FM
with screw plug, operating pressure max. 50 bar, 50 µm										
40	92	81	brass	0.03	45	750	50	50	G ¹ / ₈	FM-01 FM-01G
40	92	81	brass	0.03	45	750	50	50	G ¹ / ₄	FM-A2 FM-A2G
64	140	125	stainless steel	0.14	54	900	50	50	G ¹ / ₄	FM-02 FM-02G FM-02I
64	140	125	stainless steel	0.14	60	1000	50	50	G ³ / ₈	FM-03 FM-03G FM-03I
79	150	130	stainless steel	0.20	150	2500	50	50	G ¹ / ₂	FM-04 FM-04G FM-04I
137	189	168	stainless steel	0.50	432	7200	50	50	G ³ / ₄	FM-06 FM-06G FM-06I
137	189	168	stainless steel	0.50	432	7200	50	50	G1	FM-08 FM-08G FM-08I
241	189	168	stainless steel	0.50	432	7200	50	50	G1 ¹ / ₄	FM-10 FM-10G FM-10I
241	189	168	stainless steel	0.50	432	7200	50	50	G1 ¹ / ₂	FM-1A FM-1AG FM-1AI
180	297	215	stainless steel	1.00	900	15000	50	50	G1 ¹ / ₂	FM-12 FM-12G
180	297	215	stainless steel	1.00	960	16000	50	50	G2	FM-16 FM-16G



FM-02/-03



FM-06/-08



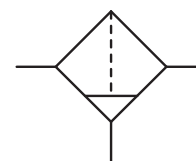
*1 at 7 bar operating pressure and 0.33 bar pressure drop

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

PDF CAD
www.aircom.net

Order example:
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)	

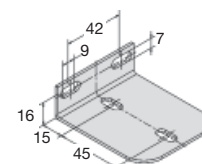


G¹/₈ to G2, max. 50 bar
-40 °C to 130 °C / -40 °F to 266 °F

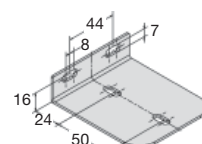
Dimensions			Bowl		Flow		Supply		Filter		Connection		Order	
A	B	C	Design	Capacity	rate	rate	max.	max.	element	element	thread	thread	number	number
mm	mm	mm	made of	l	m ³ /h*1	l/min*1	bar	bar	µm	µm	G	G		

Special options, add the appropriate letter

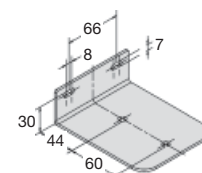
NPT	connection thread	for G ¹ / ₈	to G ¹ / ₂ , G1 ¹ / ₂ (12) and G2	FM-..N
		for G ³ / ₄	to G1 ¹ / ₂ (1A)	FM-..N
		for G ¹ / ₄ (02)		FM-..X48
P1: max. 80 bar				FM-..X51
down to -40 °C	low temperature version			FM-..X54
up to 130 °C	high temperature version			FM-..H
manual drain	max. 30 bar			FM-..R
automatic drain	made of SST, max. 16 bar	for G ¹ / ₄ (02)		FM-..E
EPDM-elastomer				FM-..03
carbon dioxide	CO ₂			FM-..05
argon	Ar			FM-..07
nitrogen	N ₂			FM-..09
helium	He			FM-..11
hydrogen	H ₂			FM-..13
methane	CH ₄			FM-..15
oxygen	O ₂			FM-..16
propane	C ₃ H ₈			FM-..17
nitrous oxide	N ₂ O			FM-..W
for water	50 µm only	for G ¹ / ₄ (02) to G2		FM-..F.
flange connection	see chapter for stainless steel devices / flanges			



BW00-17S



BW00-18S

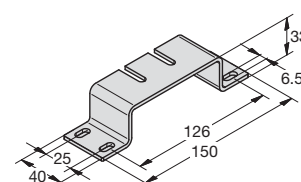


BW00-19S

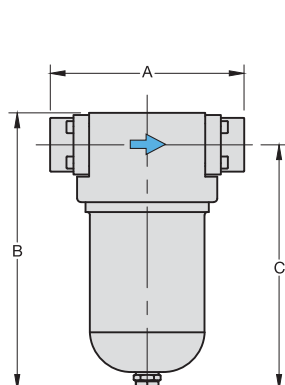


Accessories

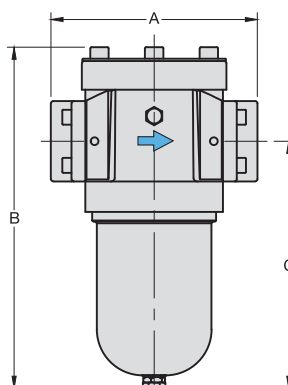
mounting bracket	made of stainless steel	for G ¹ / ₄ (02) and G ³ / ₈	BW00-17S
		for G ¹ / ₂	BW00-18S
		for G ³ / ₄ to G1 ¹ / ₂ (1A)	BW00-19S
set of brackets	made of steel	for G1 ¹ / ₂ (12) and G2	BW00-61



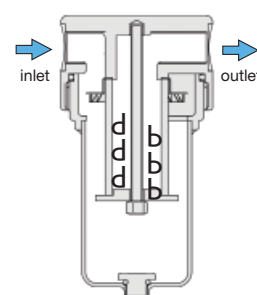
BW00-61



FM-06/-08/-10/-1A



FM-12/-16



cross-section

*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:
BW00-17S