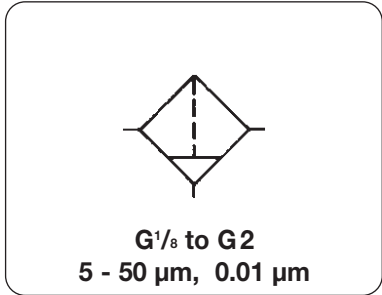


Description	Low-cost metal filter solid build for compressed air. Two boreholes in the body for wall mounting.	
Filter element	5 µm, 20 µm and 50 µm, of propylene 0.1 µm coalescing at 99.99% separation efficiency	
Bowl	of polyurethane, up to G ^{1/4} , of zinc die-casting, with or without sight glass	up to 12 bar up to 16 bar or 20/30 bar
Drain	manual: up to 30 bar semi-automatic/pressure-activated: up to 30 bar	automatic/floater: up to 16 bar
Operating pressure	max. 12 bar in plastic bowl max. 20 bar in metal bowl on G ^{1/8} and G ^{1/4}	max. 16 bar in metal bowl with sight glass max. 30 bar in metal bowl on G ^{3/8} to G2
Temperature range	-10 °C to 50 °C / -14 °F to 130 °F in plastic bowl -20 °C to 60 °C / -4 °F to 140 °F in metal bowl	
Materials	Body: zinc die-casting on FD-01 up to FD-03, aluminium on FD-04 Bowl: zinc die-casting or polyurethane	



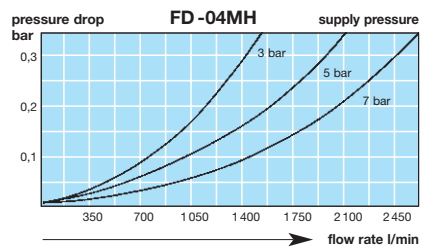
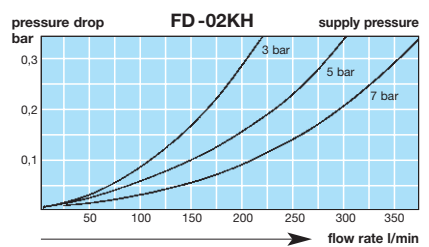
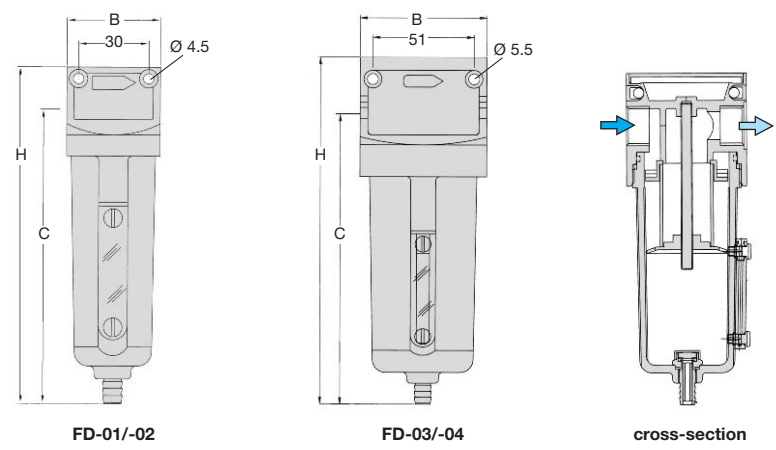
Dimensions			Bowl	Flow	Supply	Drain	Filter-	Connection	Order
H	B	C	design	rate	pressure		element	thread	number
mm	mm	mm	*1	l/min*3	max. bar	*2	µm	G	

Filter for compressed air with manual semi-automatic drain										FD
148	40	125	L	45	350	12	S	20 µm	G ^{1/8}	FD-01LH
114	40	98	K	30	350	12	S	20 µm		FD-01KH
148	40	125	M	45	350	16	S	20 µm		FD-01MH
148	40	125	N	45	350	30	M	20 µm		FD-01NH
148	40	125	M	45	70	16	S	0.01 µm		FD-01MI
148	40	125	L	45	400	12	S	20 µm	G ^{1/4}	FD-02LH
114	40	91	K	30	400	12	S	20 µm		FD-02KH
148	40	125	M	45	400	16	S	20 µm		FD-02MH
148	40	125	N	45	400	30	M	20 µm		FD-02NH
148	40	125	M	45	70	16	S	0.01 µm		FD-02MI
180	64	137	M	200	2200	16	S	50 µm	G ^{3/8}	FD-03MJ
180	64	137	N	200	2200	30	M	50 µm		FD-03NJ
180	64	137	N	200	450	30	M	0.01 µm		FD-03NI
180	64	137	M	200	2400	16	S	50 µm	G ^{1/2}	FD-04MJ
180	64	137	N	200	2400	30	M	50 µm		FD-04NJ
180	64	137	N	200	500	30	M	0.01 µm		FD-04NI



Special options add the appropriate letter

5 µm filter element		G ^{1/8} - G ^{1/2}	G	FD-0...G
50 µm filter element		G ^{1/8} - G ^{1/4}	J	FD-0...J
semi-automatic	drained when de-pressurized	from G ^{1/8}	S	FD-...S
autodrain	drained by floater	from G ^{1/4}	R	FD-...R
bowl short	20 cl max. 12 bar	up to G ^{1/4}	U	FD-0...U



*1 K: plastic bowl
L: plastic bowl, long
M: metal bowl with sight glass
N: metal bowl without sight glass
*2 S: semi-automatic
M: manual drain
*3 at 7 bar supply pressure and Δp = 0,33 bar

For your information:	1 bar: 14.5 psi 1 psi: 0.069 bar	1 l/min: 0.035 scfm 1 scfm: 28.3 l/min	1 mm: 0.039 inch 1 inch: 25.4 mm
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Order example:
FD-04MJ