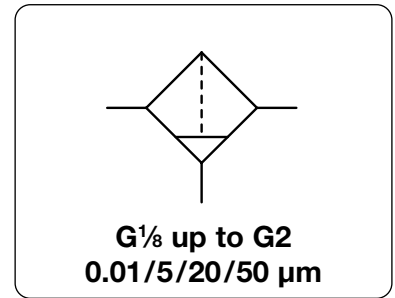
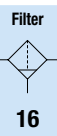


Description	Good value zinc die-cast regulator of solid design.
Filter element	0.01 µm coalescing filter, 5 µm, 20 µm und 50 µm
Filtration efficiency	coalescing filter: 99.99% based on 0.01 µm particle size
Bowl	metal version with and without sight glass
Drainage	semiautomatic drain as standard, for max. 16 bar optionally manual drain, for max. 30 bar or automatic drain, for max. 16 bar
Operating pressure	max. 16 bar for metal bowl with sight glass max. 30 bar for metal bowl without sight glass
Temperature range	-10 °C to 50 °C / 14 °F to 122 °F for metal bowl with sight glass (-01 bis -04 / -12 / -16) -20 °C to 60 °C / -4 °F to 140 °F for metal bowl with sight glass (-06 / -1A) -30 °C to 80 °C / -22 °F to 176 °F for metal bowl without sight glass
Material	Body: zinc die-cast at sizes G½ and G¼, aluminium at sizes G¾ to G2 Bowl: zinc die-cast Elastomer: NBR/Buna-N

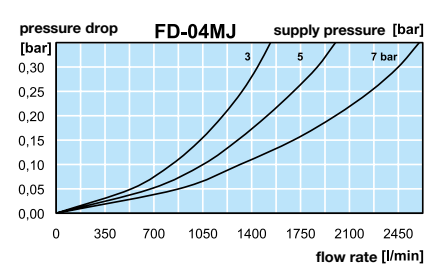
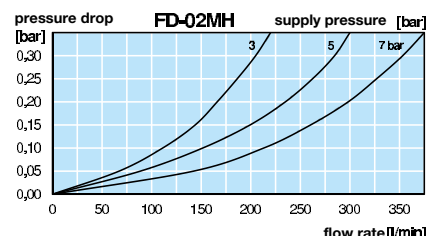
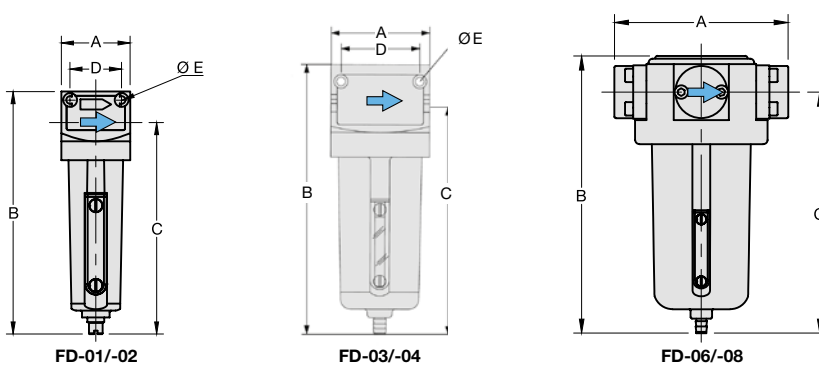


Dimensions			Bowl	Flow	Supply	Filter	Connection	Order
A	B	C	Design	rate	max.	element	thread	number
mm	mm	mm	made of/with	l m³/h*1	bar	µm	G	

Compressed air filter series "D"							with semiautomatic drain, 99.99 % at 0.01 µm	FD		
40	146	128	metal/sight glass	0.05	21	350	16	50	G½	FD-01MJ
					16	270	16	5		FD-01MG
				metal/sight glass	0.05	4	70	16		0.01
40	146	128	metal/sight glass	0.05	24	400	16	50	G¼	FD-02MJ
					18	300	16	5		FD-02MG
				metal/sight glass	0.05	4	70	16		0.01
64	176	148	metal/sight glass	0.18	144	2400	16	50	G¾	FD-03MJ
					108	1800	16	5		FD-03MG
				metal/sight glass	0.18	27	450	16		0.01
64	176	148	metal/sight glass	0.18	156	2600	16	50	G½	FD-04MJ
					120	2000	16	5		FD-04MG
				metal/sight glass	0.18	30	500	16		0.01
130	206	179	metal/sight glass	0.50	420	7000	16	50	G¾	FD-06MJ
					318	5300	16	5		FD-06MG
				metal/sight glass	0.50	84	1400	16		0.01
130	206	179	metal/sight glass	0.50	510	8500	16	50	G1	FD-08MJ
					384	6400	16	5		FD-08MG
				metal/sight glass	0.50	102	1700	16		0.01



Type	D	Ø E
FD-01/02	30	4.5
FD-03/04	51	5.5

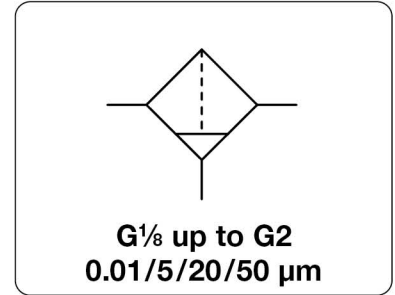


*1 at 7 bar operating pressure and 0.33 bar pressure drop

COMPRESSED AIR FILTER SERIES "D", UP TO 30 BAR

FD

Description	Good value zinc die-cast regulator of solid design.
Filter element	0.01 µm coalescing filter, 5 µm, 20 µm und 50 µm
Filtration efficiency	coalescing filter: 99.99% based on 0.01 µm particle size
Bowl	metal version with and without sight glass
Drainage	semiautomatic drain as standard, for max. 16 bar optionally manual drain, for max. 30 bar or automatic drain, for max. 16 bar
Operating pressure	max. 16 bar for metal bowl with sight glass max. 30 bar for metal bowl without sight glass
Temperature range	-10 °C to 50 °C / 14 °F to 122 °F for metal bowl with sight glass (-01 bis -04 / -12 / -16) -20 °C to 60 °C / -4 °F to 140 °F for metal bowl with sight glass (-06 / -1A) -30 °C to 80 °C / -22 °F to 176 °F for metal bowl without sight glass
Material	Body: zinc die-cast at sizes G $\frac{1}{4}$ and G $\frac{3}{4}$, aluminium at sizes G $\frac{1}{2}$ to G2 Bowl: zinc die-cast Elastomer: NBR/Buna-N



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

Compressed air filter series "D"									with semiautomatic drain, 99.99 % at 0.01 µm	FD
241	206	179	metal/sight glass	0.5	570	9500	16	50	G1 $\frac{1}{4}$	FD-10MJ
					432	7200	16	5		FD-10MG
				metal/sight glass	0.5	114	1900	16		0.01
241	206	179	metal/sight glass	0.5	600	10000	16	50	G1 $\frac{1}{2}$	FD-1AMJ
					450	7500	16	5		FD-1AMG
				metal/sight glass	0.5	120	2000	16		0.01
215	273	231	metal/sight glass	1.2	1800	30000	16	50	G1 $\frac{1}{2}$	FD-12MJ
					1380	23000	16	5		FD-12MG
215	273	231	metal/sight glass	1.2	1800	30000	16	50	G2	FD-16MJ
					1380	23000	16	5		FD-16MG

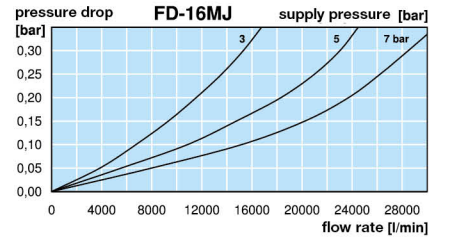
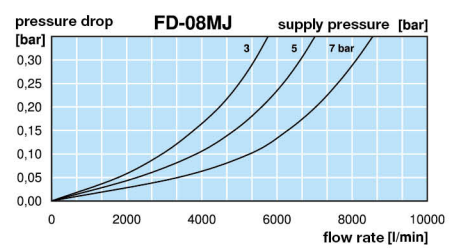
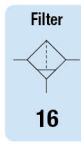
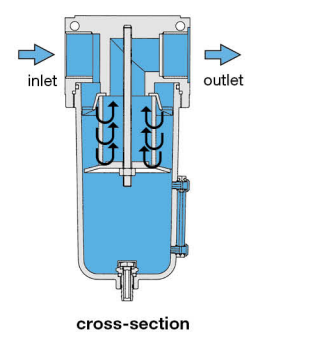
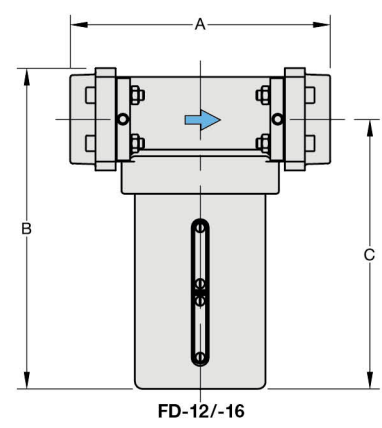
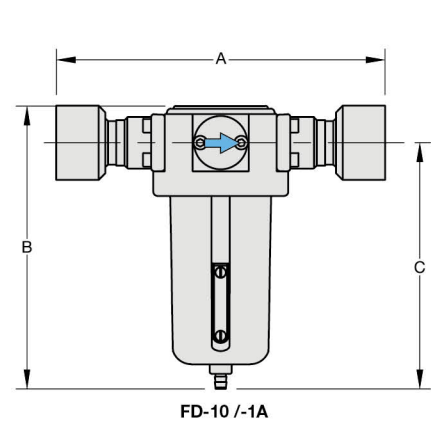


Special options, add the appropriate letter

operating pressure 30 bar	metal bowl w/o sight glass, with manual drain	FD-... N. H
manual drain	max. 16 bar	FD-... H
automatic drain	draining through float valve, max. 16 bar for G $\frac{3}{8}$ to G2	FD-... R

Accessories, enclosed

mounting bracket	made of stainless steel made of steel	for G $\frac{3}{8}$ to G1 $\frac{1}{2}$ (1A) for G1 $\frac{1}{2}$ (12) and G2	BW00-59S BW00-61
-------------------------	--	--	---------------------



*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:
FD-10MJ