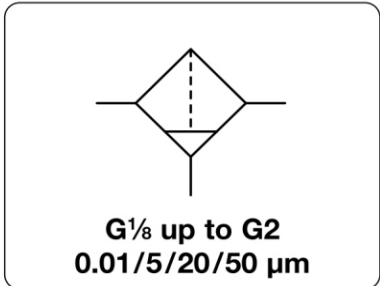


# FD - Filtre économique pour air comprimé, coalescent ou à cartouche, à purge semi-automatique, manuelle ou automatique

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

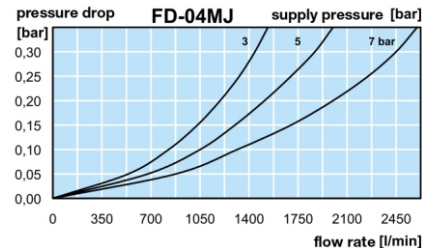
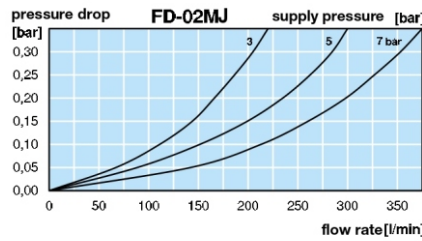
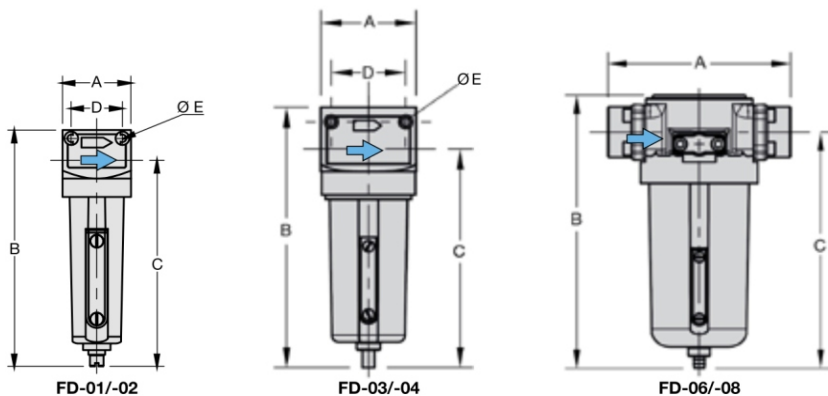


Dimensions			Bowl	Flow	Supply	Filter	Connection	Order
A	B	C	Design	Capacity	rate	element	thread	number
mm	mm	mm	made of/with	l	m <sup>3</sup> /h*1	µm	G	

Compressed air filter series "D"										with semiautomatic drain, 99.99% at 0.01 µm	FD
40	145	127	metal/sight glass	0.05	21	350	16	50	G <sup>1</sup> / <sub>8</sub>		<b>FD-01MJ</b>
					16	270	16	5			<b>FD-01MG</b>
			metal/sight glass	0.05	4	70	16	0.01			<b>FD-01MI</b>
40	145	127	metal/sight glass	0.05	24	400	16	50	G <sup>1</sup> / <sub>4</sub>		<b>FD-02MJ</b>
					18	300	16	5			<b>FD-02MG</b>
			metal/sight glass	0.05	4	70	16	0.01			<b>FD-02MI</b>
64	176	148	metal/sight glass	0.18	144	2400	16	50	G <sup>3</sup> / <sub>8</sub>		<b>FD-03MJ</b>
					108	1800	16	5			<b>FD-03MG</b>
			metal/sight glass	0.18	27	450	16	0.01			<b>FD-03MI</b>
64	176	148	metal/sight glass	0.18	156	2600	16	50	G <sup>1</sup> / <sub>2</sub>		<b>FD-04MJ</b>
					120	2000	16	5			<b>FD-04MG</b>
			metal/sight glass	0.18	30	500	16	0.01			<b>FD-04MI</b>
130	205	177	metal/sight glass	0.50	420	7000	16	50	G <sup>3</sup> / <sub>4</sub>		<b>FD-06MJ</b>
					318	5300	16	5			<b>FD-06MG</b>
430,00											
130	205	177	metal/sight glass	0.50	510	8500	16	50	G1		<b>FD-08MJ</b>
					384	6400	16	5			<b>FD-08MG</b>
430,00											



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

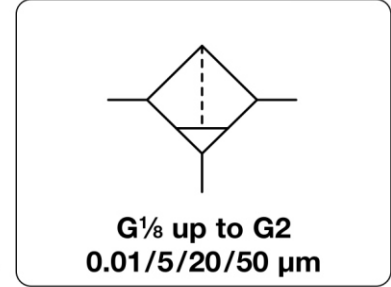


\*1 at 7 bar operating pressure and 0.33 bar pressure drop



# FD - Filtre économique pour air comprimé, coalescent ou à cartouche, à purge semi-automatique, manuelle ou automatique

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



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

Compressed air filter series "D"				with semiautomatic drain, 99.99 % at 0.01 µm	FD				
241	205	177	metal/sight glass	0.5	570 9500	16	50	G1¼	<b>FD-10MJ</b>
					432 7200	16	5		<b>FD-10MG</b>
430,00									
241	205	177	metal/sight glass	0.5	600 10000	16	50	G1½	<b>FD-1AMJ</b>
					450 7500	16	5		<b>FD-1AMG</b>
430,00									
174	248	213	stainless steel	1.0	1380 23000	15	50	G1½	<b>FD-12MJ</b>
					1050 17500	15	5		<b>FD-12MG</b>
174	248	213	stainless steel	1.0	1380 23000	15	50	G2	<b>FD-16MJ</b>
					1050 17500	15	5		<b>FD-16MG</b>



FD-10/-1A



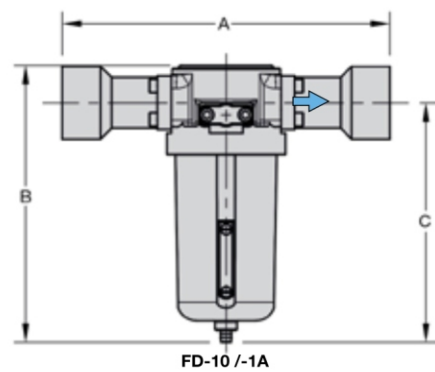
FD-12/-16

### Special options, add the appropriate letter

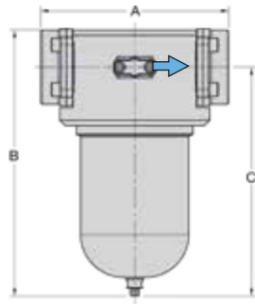
<b>operating pressure 30 bar</b>	metal bowl w/o sight glass, with manual drain	FD- . . . N. H
<b>manual drain</b>	max. 16 bar	for G¼ to G1½ (1A) FD- . . . . H
<b>manual drain</b>	max. 30 bar	for G1½ (12) and G2 FD- 1. M. H
<b>automatic drain</b>	draining through float valve, max. 16 bar	for G¼ to G2 FD- . . . . R
<b>flange connection</b>	according to EN-1092-1 or ASME B16.5	FD- . . . . F.

### Accessories, enclosed

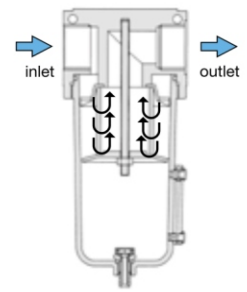
<b>mounting bracket</b>	made of stainless steel	for G¼ to G1½ (1A)	<b>BW00-59S</b>
	made of stainless steel	for G1½ (12) and G2	<b>BW00-63S</b>



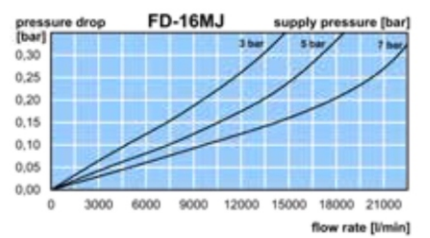
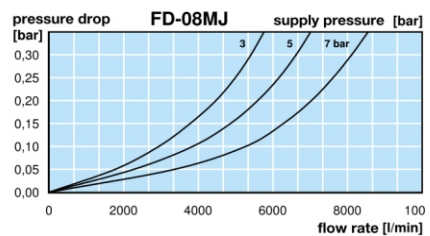
FD-10 /-1A



FD-12/-16



cross-section



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

