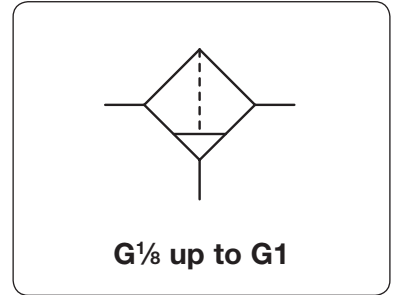


# Cube Compressed Air Filter Made of Plastic

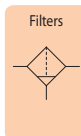
F135...F195

<b>Description</b>	Filter of modular design which can be interlocked with all other instruments of the same series without need for double nipples. The flow on standard filters is from outside to inside; on coalescing filters 0.1 µm from inside to outside.	
<b>Filter element</b>	5 µm, 20 µm, 80 µm made of sintered polyethylene, 160 µm made of stainless steel, 0.1 µm coalescing filter made of borosilicate	
<b>Filtration efficiency</b>	coalescing filter: 99.99% at 0.1 µm particle size,	residual oil content < 5 mg/m³
<b>Bowl</b>	plastic version with bayonet catch,	type 042 with connection thread
<b>Drainage</b>	manual drain in conjunction with semiautomatic drain,	optionally automatic drain, no drain for water
<b>Operating pressure</b>	max. 15 bar, max. 7 bar at type 035	
<b>Temperature range</b>	0 °C to 50 °C / 32 °F to 122 °F	
<b>Material</b>	Body: nylon, POM at types 035 and 042 Bowl: polyamide	Elastomer: NBR/Buna-N Inner valve: brass



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

Plastic filter			manual drain with semiautomatic drain, 99.99% at 0.1 µm			F1				
38	79	67	plastic	0.008	45	750	7	20	G <sup>1/8</sup>	F135-01H
			plastic		40	670		5		F135-01G
			for water w/o drain		50	830		80		F135-01J
			coalescing		7	115		0.1		F135-01C
42	146	126	plastic	0.02	72	1200	15	20	G <sup>1/4</sup>	F142-02H
			plastic		63	1050		5		F142-02G
			for water w/o drain		79	1320		80		F142-02J
			for water w/o drain		87	1450		160		F142-02K
52	174	148	coalescing		112	195		0.1	G <sup>3/8</sup>	F142-02C
			bowl guard	0.04	150	2500	15	20		F150-03H
					126	2100		5		F150-03G
52	174	148	bowl guard	0.04	16	270		0.1	G <sup>1/2</sup>	F150-03C
					132	2200		5		F152-04H
					17	280		0.1		F152-04G
63	204	173	bowl guard	0.10	18	290		0.1	G <sup>1/2</sup>	F152-04C
					186	3100	15	20		F175-04H
					165	2750		5		F175-04G
137	204	173	bowl guard	0.10	18	290		0.1	G <sup>3/4</sup>	F175-04C
					192	3200	15	20		F180-06H
					168	2800		5		F180-06G
95	284	237	bowl guard	0.20	18	300		0.1	G1	F180-06C
					840	14000	15	20		F195-08H
					750	12500		5		F195-08G

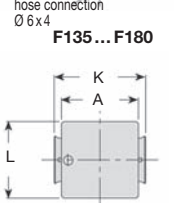
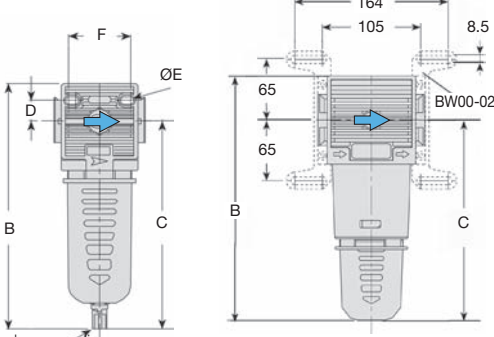


## Special options, add the appropriate letter

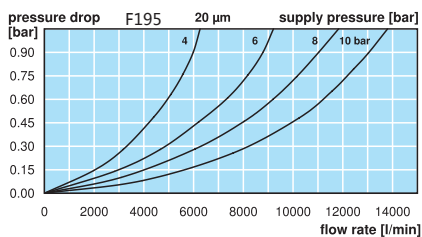
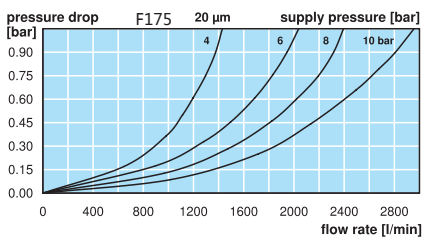
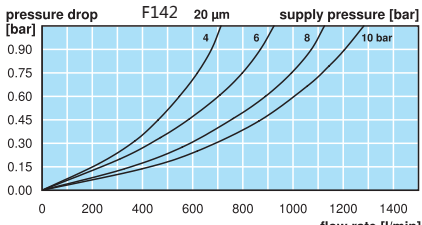
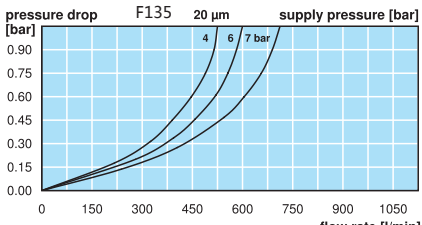
automatic drain	C400200130	for F142 to F195	F0 . - 0 . . R
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## Accessories, enclosed

mounting bracket set made of steel for F195 **BW00-02**



type	D	ØE	F	K	L
F135	8.5	3.5	20	-	36
F142	10.5	4.5	31	-	42
F150/152	16	5.5	41	63	52
F175	17.5	5.5	45	75	63
F180	17.5	5.5	45	-	63



\*1 at 10 bar operating pressure and 1 bar pressure drop, for F135 and 0.1 µm filter element at only 7 bar operating pressure



**Order example:**  
F135-01H  
China website: www.duray-control.cn