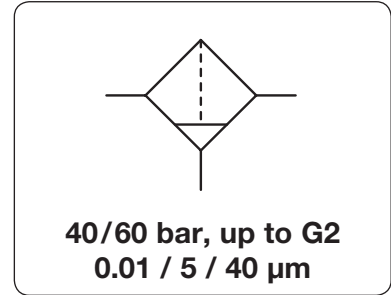


# High Pressure Filter up to 60 bar

F445 / F465

<b>Description</b>	Compressed air filter for up to 60 bar operating pressure with various filter elements. Mounting in horizontal position, flow direction indicated by arrow.
<b>Filter element</b>	5 µm and 40 µm made of sintered bronze, 0.01 µm coalescing filter made of borosilicate fibres with stainless steel jacket and foam protection
<b>Filtration efficiency</b>	coalescing filter: 99.999% based on 0.01 µm particle size
<b>Bowl</b>	metal version without sight glass
<b>Drainage</b>	manual drain as standard
<b>Supply pressure</b>	max. 60 bar
<b>Temperature range</b>	0 °C to 90 °C / 32 °F to 194 °F, for appropriately conditioned compressed air down to -30 °C / -22 °F
<b>Material</b>	Body: black, anodized aluminium Bowl: brass at G $\frac{3}{8}$ to G1, aluminium at G1 $\frac{1}{2}$ and G2 Elastomer: NBR/Buna-N



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

High pressure filter up to 40 bar									
with manual drain, 99.999% at 0.01 µm									
62	200	170	metal	0.08	160	2700	40	G $\frac{3}{8}$ *2	F445-03EL
					170	2800		G $\frac{1}{2}$	F445-04EL
80	210	165	metal	0.10	200	3300	5	G $\frac{3}{4}$ *2	F445-06EL
					210	3500		G1	F445-08EL
140	285	243	metal	0.30	1200	20000	5	G1 $\frac{1}{2}$ *2	F445-12EL
					1300	22000		G2	F445-16EL
62	200	170	metal	0.08	160	2700	5	G $\frac{3}{8}$ *2	F445-03GL
					170	2800		G $\frac{1}{2}$	F445-04GL
80	210	165	metal	0.10	160	2700	5	G $\frac{3}{4}$ *2	F445-06GL
					170	2800		G1	F445-08GL
140	285	243	metal	0.30	900	15000	5	G1 $\frac{1}{2}$ *2	F445-12GL
					1000	18000		G2	F445-16GL
62	200	170	metal	0.08	90	1500	0.01	G $\frac{3}{8}$ *2	F445-03IL
					100	1600		G $\frac{1}{2}$	F445-04IL
80	210	165	metal	0.10	145	2300	0.01	G $\frac{3}{4}$ *2	F445-06IL
					150	2500		G1	F445-08IL

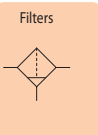


F445-08EL, 40 bar

High pressure filter up to 60 bar									
with manual drain, 99.999% at 0.01 µm									
65	185	160	metal	0.08	160	2700	40	G $\frac{3}{8}$ *2	F465-03EL
					170	2800		G $\frac{1}{2}$	F465-04EL
80	200	170	metal	0.10	354	5900	5	G $\frac{3}{4}$ *2	F465-06EL
					360	6000		G1	F465-08EL
65	185	160	metal	0.08	160	2700	5	G $\frac{3}{8}$ *2	F465-03GL
					170	2800		G $\frac{1}{2}$	F465-04GL
80	200	170	metal	0.10	264	4400	5	G $\frac{3}{4}$ *2	F465-06GL
					270	4500		G1	F465-08GL
65	185	160	metal	0.08	90	1500	0.01	G $\frac{3}{8}$ *2	F465-03IL
					100	1600		G $\frac{1}{2}$	F465-04IL
80	200	170	metal	0.10	132	2200	0.01	G $\frac{3}{4}$ *2	F465-06IL
					138	2300		G1	F465-08IL

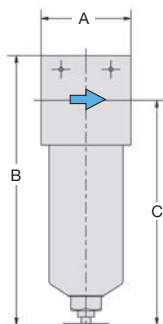


F465-08EL, 60 bar

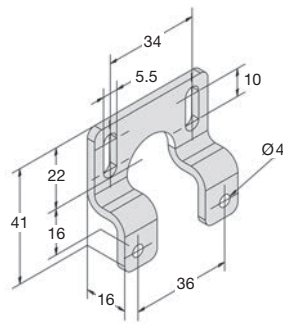


**Special options,** add the appropriate letter  
for oxygen specially cleaned F4.5-...15

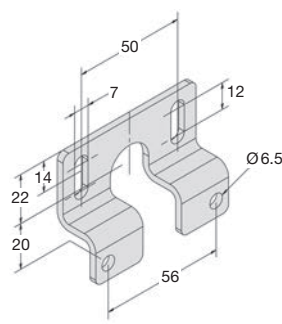
**Accessories,** enclosed  
mounting bracket made of steel for G $\frac{3}{8}$  and G $\frac{1}{2}$  BW00-15  
for G $\frac{3}{4}$  and G1 BW00-16



F445 / F465



BW00-15



BW00-16

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

\*2 reduced from the next bigger filter size



Order example:  
F445-03EL

China website: www.duray-control.cn