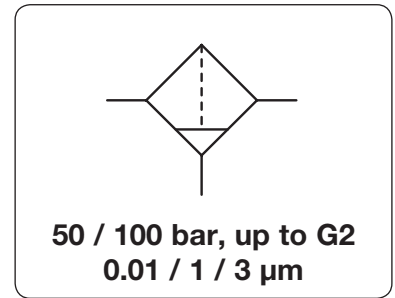


<b>Description</b>	The filter separates oil, water and solid impurities from compressed air or non-corrosive gases. It is resistant to mineral and synthetic oils.
<b>Filter element</b>	Fabric of borosilicate fibre A 901 with high-volume fiberglass bed. Coalescing effect based on Brownian motion. With stainless steel jacket and internal draining layer. An arrow indicates flow from inside to outside.
<b>Filtration efficiency</b>	99.99% based on 3 µm particle size, Δp= 0.02/0.07 bar*, see special options for further filters
<b>Service life</b>	Large filter volume through folding makes for exceptionally long service life and high capacity for collection of solid particles with low differential pressure.
<b>Filter change</b>	The filter must be changed as from 0.35 bar differential pressure or after one year at the latest.
<b>Drainage</b>	manual drain as standard
<b>Operating pressure</b>	max. 50 bar or 100 bar
<b>Temperature range</b>	1 °C to 80 °C / 34 °F to 176 °F at coalescing filter 1 °C to 40 °C / 34 °F to 104 °F at activated carbon filter
<b>Material</b>	Body: chromated and powder-coated cast aluminium at all 50 bar devices and at 100 bar devices of sizes G¼ to G½, powder-coated steel at 100 bar devices of G¾ to G2 Elastomer: NBR/Buna-N



Dimensions			Bowl	Flow	Connection	Order
A	B	C	Design	rate*2	thread	number
mm	mm	mm	made of / with	m³/h	G	

### High pressure filter up to 50 bar with manual drain, 99.99% at 3 µm **G. /50**

61	200	186	aluminium /	0.17	75	1250	G¼	<b>G 2/50V</b>
87	245	224	manual drain	0.50	125	2080	G¼	<b>G 3/50V</b>
87	245	224		0.50	175	2920	G¾	<b>G 5/50V</b>
87	315	294		0.60	250	4170	G½	<b>G 7/50V</b>
130	350	307		1.60	450	7500	G¾	<b>G 9/50V</b>
130	450	407		2.50	750	12500	G1	<b>G11/50V</b>
130	525	482		3.00	1175	19600	G1½	<b>G12/50V</b>
130	755	712		4.50	1750	29100	G1½	<b>G13/50V</b>
164	735	687		6.00	2600	43300	G2	<b>G14/50V</b>



### High pressure filter up to 100 bar with manual drain, 99.99% at 3 µm **G. /100**

90	330	305	aluminium /	0.35	120	2000	G¼	<b>G 3/100V</b>
90	330	305	manual drain	0.35	180	3000	G¾	<b>G 5/100V</b>
90	395	370		0.50	300	5000	G½	<b>G 7/100V</b>
116	445	420	steel /	1.40	550	9100	G¾	<b>G 9/100V</b>
116	530	505	manual drain	2.00	850	14100	G1	<b>G11/100V</b>
125	640	607		2.90	1175	19600	G1½	<b>G12/100V</b>
125	900	867		4.30	1750	29100	G1½	<b>G13/100V</b>
155	925	880		6.90	2700	45000	G2	<b>G14/100V</b>



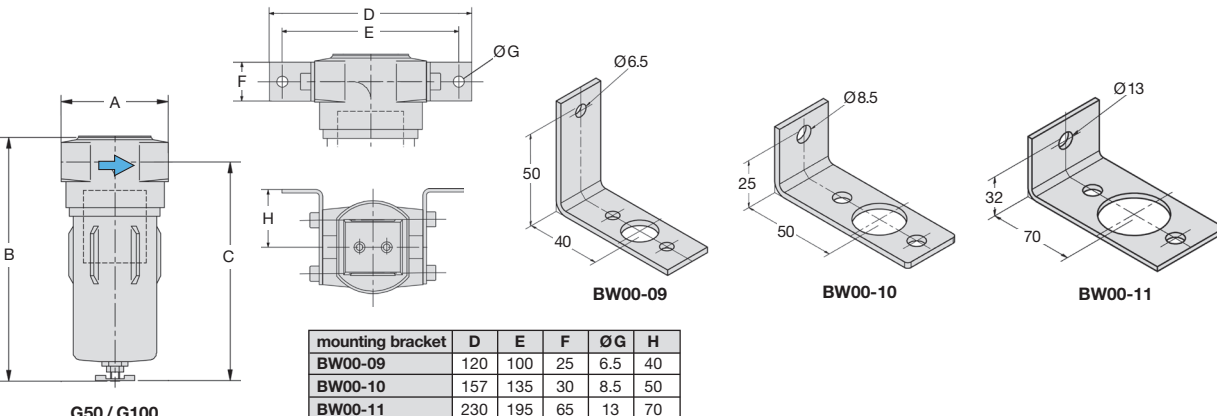
### Special options, add the appropriate letter

	Filtration efficiency	Residual oil content	Δp*1	
<b>1 µm filter element</b>	99.9999 %	< 0.5 mg/m³	0.03/0.10 bar	<b>G. /... ZP</b>
<b>0.01 µm filter element</b>	99.99999 %	< 0.01 mg/m³	0.06/0.15 bar	<b>G. /... XP</b>
<b>0.01 µm filter element</b>	99.99999 %	< 0.001 mg/m³	0.12/0.28 bar	<b>G. /... XP4</b>
<b>activated carbon</b>		< 0.003 mg/m³	0.03 bar	<b>G. /... A</b>
<b>diff. pressure gauge</b>			not for no. G2/50V	<b>G. /... D</b>
<b>without manual drain</b>				<b>G. /... H</b>

### Accessories, enclosed

**mounting bracket set** made of steel

for part no. G2 **BW00-09**  
for part no. G3 to G7 **BW00-10**  
for part no. G9 to G13 **BW00-11**



\*1 pressure drop, dry/wetted

\*2 at max. operating pressure

Spare parts: see separate spare parts list

PDF CAD  
www.aircom.net



Order example:  
**G2/50V**