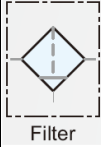


Media: Compressed air  
 Pressure: 16 Bar max  
 Temperature: +1.5°C to +80°C  
 Mounting: Upright +/- 5°

# Stainless Air Filters

1 1/2 to DN250 flange  
 16 Bar Rated



## TYPE BHL

### PRESSURE

Ø Port BSP (G)	Filter Element Types	Elements	Air Flow Rate @ 20C 7 Bar		Part Number PF, AO or AA Elements	Part Number Activated Carbon Element
			M³/Min	scfm		
1 1/2	PF=5µm ISO12500-1 Efficiency 50% Residual oil 5mg/M³	1x L145	8	282.4	BHL145 + element	BHL145ACS
2		1x L220	13	458.9	BHL220 + element	BHL220ACS
PN16 Flange	AO=1µm Coalescing ISO12500-3 Efficiency 99.999+% ISO12500-1 Efficiency 80% Residual oil 2mg/ M³  AA =0.01µm Coalescing ISO12500-3 Efficiency 99.999+% ISO12500-1 Efficiency 99.9+% Residual oil <0.01 mg/ M³  ACS=Activated Carbon ISO15200-3 Efficiency 99.999+% Residual oil <0.003 mg/ M³	<b>PN16 Flange Connection</b>				
DN65		1x L330	15	529.5	BHL330 + element	BHL330ACS
DN80		1x L430	20	706	BHL430 + element	BHL430ACS
DN100		1x L620	40	1412	BHL620 + element	BHL620ACS
		2x L620	50	1765	BHL800 + element	BHL800ACS
DN125		2x L620	60	2118	BHL1000 + element	BHL1000ACS
		2x L620	80	2824	BHL1200 + element	BHL1200ACS
DN150		3x L620	100	3530	BHL1400 + element	BHL1400ACS
		4x L620	150	5295	BHL1600 + element	BHL1600ACS
DN200		5x L620	200	7060	BHL1800 + element	BHL1800ACS
DN250	8x L620	300	10590	BHL2200 + element	BHL2200ACS	

### Options

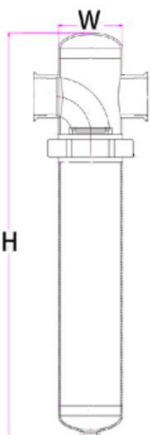
Filter element, differential pressure status gauge, sight glass, Auto drain (Except YD145 manual drain)  
 Filter elements PF=5µm, AO=1µm coalescing, AA =0.01µm coalescing or ACS=activated carbon odour.  
 316L stainless steel construction  
 BSPT, NPT or Rc thread  
 Replacement filter elements are with plastic end caps (Optional stainless steel end caps)

### CONSTRUCTION

Housing: 304 Stainless steel (Optional 316L stainless steel)  
 Element: Plastic Top, Base (optional stainless steel) , 7 Layers Sodium Bosolicate Fibre Glass  
 Seals and gaskets: Fluororubber

### REPLACEMENT FILTER ELEMENTS

PF 5µm, AO 1µm and AA 0.01µm elements	ACS Activated Carbon Elements
L145 PF, AO or AA element for BHL145 L220 PF, AO or AA element for BHL220 L330 PF, AO or AA element for BHL330 L430 PF, AO or AA element for BHL430 L620 PF, AO or AA element for BHL800 to BHL1600	L145 ACS element for BHL145 L220 ACS element for BHL220 L330 ACS element for BHL330 L430 ACS element for BHL430 L620 ACS element for BHL800 to BHL1600



Model	BHL145	BHL220	BHL330	BHL360	BHL430	BHL620	BHL800	BHL1000	BHL1200	BHL1400	BHL1600	BHL1800	BHL2200
Port	1 1/2	2	DN65	DN80	DN80	DN100	DN100	DN125	DN125	DN150	DN150	DN200	DN250
Width	170	220	320	320	360	360	420	473	473	530	580	630	720
Height	530	700	980	980	850	1080	1180	1203	1203	1280	1350	1450	1550

Pressure correction factor for maximum flow rate, Multiply model flow rate (above) by correction factor (Below table) according to minimum operating pressure.																
Pressure Bar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Pressure PSI	15	29	44	59	73	87	100	116	131	145	160	174	189	203	219	232
Correction Factor	0.38	0.53	0.65	0.76	0.85	0.93	1	1.07	1.13	1.19	1.23	1.31	1.36	1.41	1.46	1.51