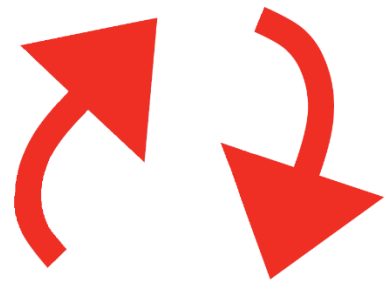


BHL Series Stainless Steel Compressed Air Filters

For the most demanding environments



BHL compressed air filters are designed to remove solid atmospheric particulate contamination, oil carryover from the compressor, and remove contaminants at a very high efficiency –up to 99.995% for submicronic particles and droplets, protecting refrigeration dryers and desiccant compressed air dryers and other compressed air equipment, widely applied in food and beverage, semi-conductor, electronics and other industries need clean compressed air as power.

These filters are constructed of 304 or 316L stainless steel and withstand the harshest environments.

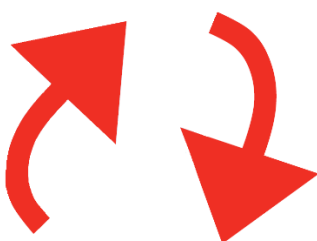
Product Features:

- Customised Solutions
- Thread and Flange connection
- 304 or 316 stainless steel construction
- 7 Filtration Grades
- Remove up to 99.995% of oil, water and solids from compressed air and other gases
- Continuously trap and drain liquids
- Quality assurance



Applications:

- Refineries
- Chemical plants
- Steel and metal fabrication plants
- General industrial

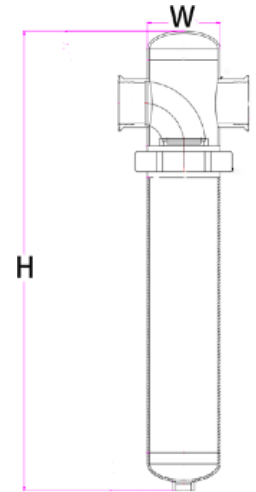


Trust us to select right compressed air filters for your applications

Product Selection

Stated flows are for operation at 7 bar g (100 psi g) with reference to 20°C, 0% relative water vapor pressure.

Model Number	Air inlet/outlet	Air Flow Rate		Max. Working Pressure bar/psi g	Dimensions(mm)	
		m ³ /min	scfm		Width(W)	Height(H)
BHL017	Rc1/2"	1.0	35.3	16/232	150	250
BHL030	Rc3/4"	2.0	70.6		150	290
BHL058	Rc1"	3.6	127.1		170	390
BHL145	Rc1-1/2"	8	282.4		170	530
BHL220	Rc2"	13	458.9		220	700
BHL330	DN65	15	529.5		320	980
BHL360	DN80	20	706.0		320	980
BHL430	DN80	28	988.4		360	850
BHL620	DN100	40	1412.0		360	1080
BHL800	DN100	50	1765.0		420	1180
BHL1000	DN125	60	2118.0		473	1203
BHL1200	DN125	80	2824.0		473	1203
BHL1400	DN150	100	3530.0		530	1280
BHL1600	DN150	150	5295.0		580	1350
BHL1800	DN200	200	7060.0		630	1450
BHL2200	DN250	300	10590.0		720	1550



Pressure correction factor for maximum flow rate, multiply model flow rate by the correction factor corresponding to the minimum operating pressure																	
Pressure	Barg	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Psig	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	1.00	1.07	1.13	1.19	1.23	1.31	1.36	1.41	1.46	1.51	

Element Filtration Grades

Element Grade	PF	AO	AA	AX	ACS	AR	AAR
Solid particle size (ISO12500-3)	5µm	1µm	0.01µm	0.01µm	-	1µm	0.01µm
Remove efficiency (ISO12500-3)	-	99.999+%	99.999+%	99.999+%	99.999+%	99.999+%	99.999+%
Oil remove efficiency (ISO12500-1)	50%	80+%	99.9+%	99.99+%	-	-	-
Residual oil content(ISO12500-1)	5mg/m ³	2.0mg/m ³	<0.01 mg/m ³	<0.001 mg/m ³	<0.003 mg/m ³	-	-
Maximum temperature	80°C/176°F						
Maximum working pressure	16 barg /232 psig						