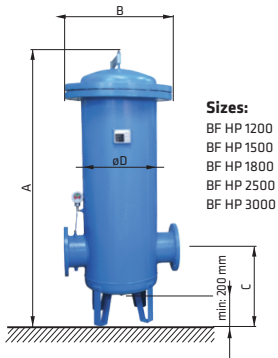
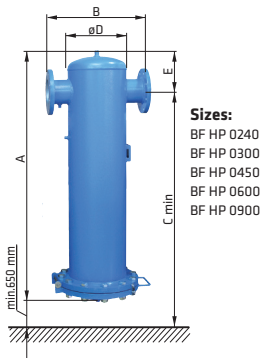
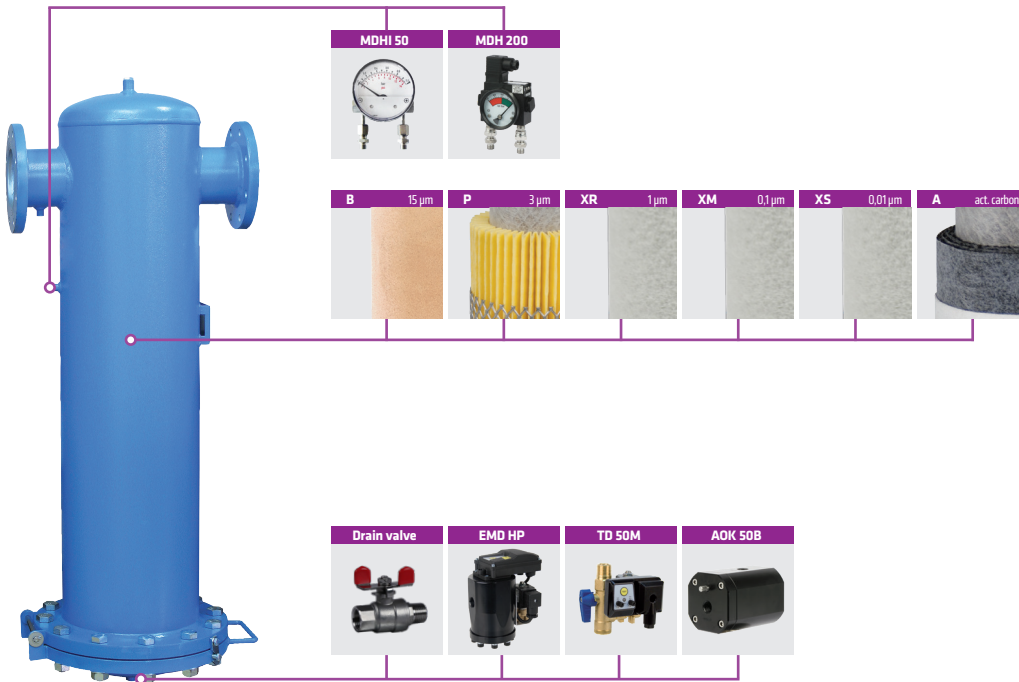


BF HP

HIGH PRESSURE WELDED CARBON STEEL COMPRESSED AIR FILTERS

operating pressure

25 bar



TECHNICAL DATA

Filter housing size	Pipe size DN	Max.oper. pressure bar/psi	Flow rate at 7 bar(g), 20 °C		Dimensions					Mass kg	Filter element type
			Nm ³ /h	scfm	A mm	B mm	C mm	D mm	E mm		
BF HP 0240	80	25/362	1.680	989	1.170	450	1660	219	166	61	1 x 76090
BF HP 0300	100	25/362	3.150	1.853	1.330	560	1780	324	208	115	2 x 76090
BF HP 0450	125	25/362	4.700	2.765	1.330	560	1780	324	206	123	3 x 76090
BF HP 0600	150	25/362	6.300	3.706	1.360	620	1780	368	241	178	4 x 76090
BF HP 0900	150	25/362	9.400	5.530	1.420	680	1810	405	261	218	6 x 76090
BF HP 1200	200	25/362	12.550	7.382	1.850	792	525	508	-	320	8 x 76090
BF HP 1500	200	25/362	15.700	9.235	1.890	918	545	610	-	455	10 x 76090
BF HP 1800	250	25/362	18.850	11.088	1.920	655	555	610	-	500	12 x 76090
BF HP 2500	250	25/362	25.100	14.765	2.030	1.042	685	711	-	590	16 x 76090
BF HP 3000	300	25/362	31.400	18.481	2.130	1.085	680	711	-	684	20 x 76090

Remarks:

- 1) Prices are for filter housings only.
- 2) "B" filter element can be cleared with ultrasonic bath or with back flushing. Intervals of cleaning depends of application. If necessary replace filter element with new one.
- 3) Filter elements "A" must be changed periodically to suit application, but at least every 6 months. Activated carbon filters must not operate in oil saturated conditions.
- 4) Valid if "S" filter cartridge is installed upstream.

CORRECTION FACTORS

Operating pressure [bar]	2	3	4	5	6	7	8	9	10	12	14	15	18	20	22	25
Operating pressure [psi]	29	44	58	72	87	100	115	130	145	174	203	218	261	290	319	363
Correction factor	0,38	0,5	0,63	0,75	0,88	1	1,13	1,25	1,38	1,63	1,88	2,00	2,37	2,63	2,89	3,25



FILTER ELEMENTS

PG/4

15 µm	3 µm	1 µm	0.1 µm	0.01 µm	
B prefilter	P prefilter	XR prefilter	XM microfilter	XS finefilter	A activated carbon
sintered brass	acrylic fibers, cellulose	borosilicate micro fibres			borosili. micro fibres activated carbon
Filter element type	Flow rate Nm ³ /h	Corresponding housing			
76090	1.680	All sizes			

CONDENSATE DRAINS

Drain valve	TD 50M	EMD HP	AOK 50B

* You can find other variations of condensate drains from page 54 on.

DIFFERENTIAL PRESSURE INDICATOR

MDHI 50	MDH 200	MDH 200C

ACCESSORIES

1/2"	Vent for AOK 50B
Nipple HP	Nipple 50SS