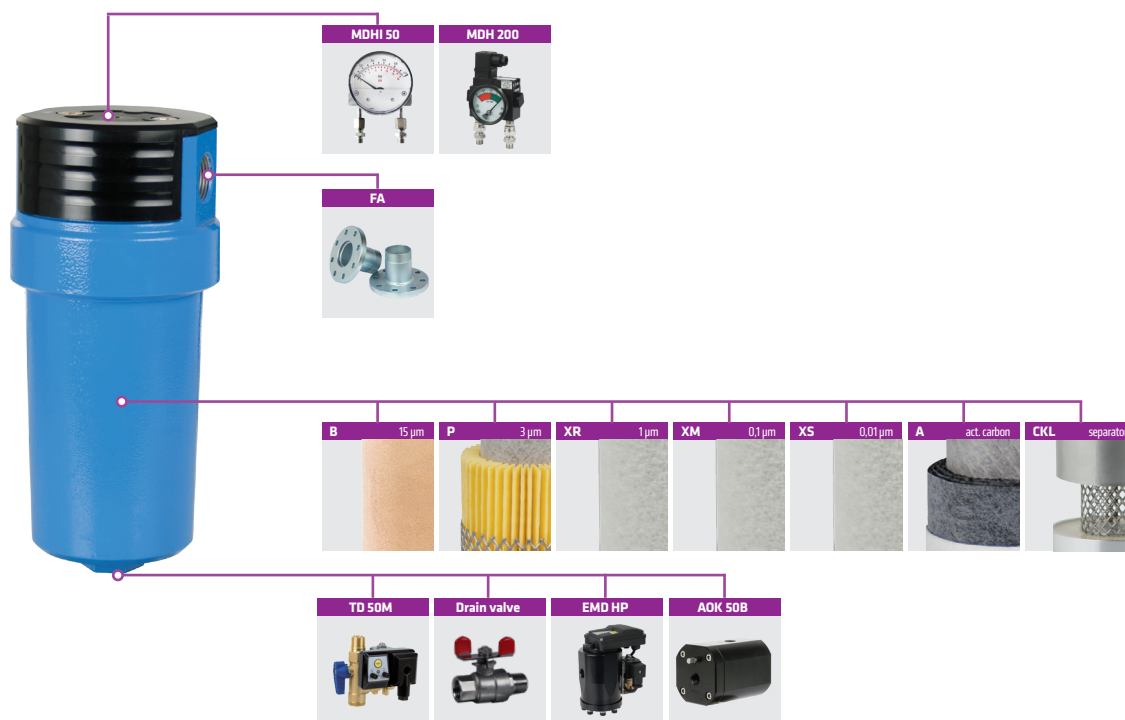




HF

CAST ALUMINIUM HIGH PRESSURE FILTERS

operating pressure

50 bar


TECHNICAL DATA

Filter housing size	Pipe size	Max. oper. pressure	Flow rate at 7 bar(g), 20 °C		Dimensions				Mass	Filter element type		
					A	B	C	D				
	inch	bar/psi	Nm ³ /h	scfm	mm	mm	mm	mm	kg			
HF 007	1/2	50/725	71	42	250	110	30	80	2,1	6060		
HF 010	3/4	50/725	112	66	250	110	30	90	2,1	7060		
HF 018	1	50/725	204	120	250	110	30	140	2,1	12060		
HF 047	1 1/2	50/725	282	166	535	160	45	260	9,5	22090		
HF 070	1 1/2	50/725	400	235	535	160	45	360	9,5	32090		
HF 094	2	50/725	494	291	715	160	45	540	12,2	50090		
HF 150	2	50/725	799	470	715	160	45	550	12,2	51090		
HF 200	3	50/725	2160	1270	862	198	70	620	30,4	51140		
HF 240	3	50/725	2760	1620	1010	198	70	780	34,9	75140		

Remarks:

- B filter element can be cleaned with ultrasonic bath or with back flushing. Interval of cleaning depends on application. If necessary replace filter element with new one.
- Filter elements "A", should be changed periodically to assure proper quality of air, but at least every 6 months. Activated carbon filters must not operate in oil saturated conditions.

CORRECTION FACTORS

Operating pressure [bar]	3	5	7	10	13	16	20	30	40	50
Operating pressure [psi]	44	72	100	145	189	232	290	435	580	725
Correction factor	0,50	0,75	1	1,38	1,75	2,13	2,63	3,88	5,13	6,38



FILTER ELEMENTS PG/5										
			15 µm	3 µm	1 µm	0,1 µm	0,01 µm			
			B	P	XR	XM	XS	A	CKL	
			prefilter	prefilter	prefilter	microfilter	finefilter	activated carbon	separator	
			sintered brass	acrylic fibers, cellulose	borosilicate micro fibres			borosili. micro fibres	stainless steel, PA	
								activated carbon		
Filter element type	Flow rate	Corresponding housing								
	Nm³/h									
6060	71	HF 007								
7060	112	HF 010								
12060	204	HF 018								
22090	282	HF 047								
32090	400	HF 070								
50090	494	HF 094								
51090	799	HF 150								
51140	2160	HF 200								
75140	2760	HF 240								

CONDENSATE DRAINS				
	TD 50M	Drain valve	EMD HP	AOK 50B

DIFFERENTIAL PRESSURE INDICATOR		
	MDHI 50	MDH 200

ACCESSORIES		
	Nipple HP	Nipple 50SS