

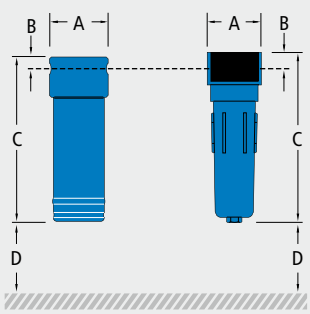


50 barg

Walker Filtration manufacture a range of 50 barg (725 psig) high pressure filters using machined or die cast aluminium components. Ideally suited to a wide range of industrial applications such as pharmaceutical testing, packaging and PET bottle manufacturing.

# alloy high pressure filters

filter model	pipe size	flow rate		dimensions (mm)				weight Kg	element model
		Nm <sup>3</sup> /h	SCFM	A	B	C	D		
50HP25 (grade)	¼	160	94	63	15	150	50	0.3	HP1535 (grade)
50HP37 (grade)	⅜	250	147	63	15	190	50	0.3	HP1550 (grade)
50HP50 (grade)	½	450	265	114	38	305	150	2.6	HP2040 (grade)
50HP75 (grade)	¾	550	324	114	38	305	150	2.6	HP2540 (grade)
50HP101 (grade)	1	835	492	114	38	395	150	3.3	HP2080 (grade)
50HP150 (grade)	1½	1250	736	146	50	435	170	7.5	HP2580 (grade)
50HP151 (grade)	1½	1725	1015	146	50	435	170	7.5	HP2512 (grade)
50HP200 (grade)	2	1925	1132	146	50	435	170	7.5	HP2512 (grade)
50HP201 (grade)	2	3200	1882	146	50	635	170	10.0	HP2520 (grade)



50HP25 (grade) to 50HP37 (grade) | 50HP50 (grade) to 50HP201 (grade)

## specification

Coalescing filter element grades												
Grade	WS		X25		X5		X1		XA		AC	
Particle removal	-		25 micron		5 micron		1 micron		0.01 micron		0.01 micron	
Maximum oil carryover at 20°C (68°F)	-		10 mg/m <sup>3</sup>	8.2 ppm	5 mg/m <sup>3</sup>	4.1ppm	0.1 mg/m <sup>3</sup>	0.1 ppm	0.01 mg/m <sup>3</sup>	0.01 ppm	0.003 mg/m <sup>3</sup>	0.003 ppm
Maximum temperature	120°C	248°F	120°C	248°F	120°C	248°F	120°C	248°F	120°C	248°F	25°C	77°F
Maximum working pressure	50 barg (725 psig)											
Element end cap colour	black											

Dust filter element grades												
Grade	RX25		RX5		RX1		RXA		RAC			
Particle removal	25 micron		5 micron		1 micron		0.01 micron		0.01 micron			
Maximum oil carryover at 20°C (68°F)	-		-		-		-		-		0.003 mg/m <sup>3</sup>	0.003 ppm
Maximum temperature	120°C	248°F	120°C	248°F	120°C	248°F	120°C	248°F	120°C	248°F	25°C	77°F
Maximum working pressure	50 barg (725 psig)											
Element end cap colour	black											

### technical notes

- The direction of air flow is inside to out through the filter element for coalescing grades and outside to in through the filter element for dust grades.
- All alloy high pressure filters are supplied with a drain plug. High pressure drains are available, see page 39.
- Activated carbon filters must not operate in oil saturated conditions and will not remove certain types of gases including carbon monoxide (CO) and carbon dioxide (CO<sub>2</sub>).

