

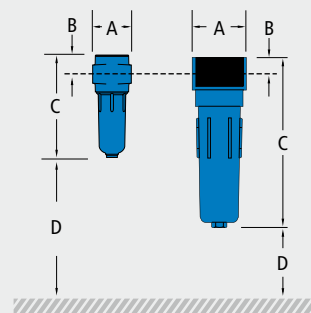
Manufactured from aluminium, the 20 barg (300 psig) range of filters offer flows up to 2580 SCFM (4383 Nm³/hr). These products are ideally suited for high pressure industrial use, such as high pressure testing.



alloy high pressure filters

20 barg

filter model	pipe size	flow rate		dimensions (mm)				weight Kg	element model
		Nm ³ /h	SCFM	A	B	C	D		
20HP25 (grade)	¼	59	35	72	35	184	75	0.65	E1003 (grade)
20HP37 (grade)	⅜	85	50	72	35	184	75	0.65	E1503 (grade)
20HP50 (grade)	½	110	65	114	38	270	152	2.0	E2005 (grade)
20HP75 (grade)	¾	219	129	114	38	270	152	2.0	E2505 (grade)
20HP100 (grade)	1	292	172	114	38	352	152	2.5	E2008 (grade)
20HP101 (grade)	1	438	258	114	38	352	152	2.5	E2508 (grade)
20HP150 (grade)	1½	658	387	146	51	490	165	5.0	E2512 (grade)
20HP151 (grade)	1½	877	516	146	51	490	165	5.0	E2712 (grade)
20HP200 (grade)	2	1315	774	146	51	490	165	5.0	E3012 (grade)
20HP201 (grade)	2	1899	1118	146	51	685	165	6.0	E3020 (grade)
20HP300 (grade)	3	2922	1720	229	64	681	178	15.0	E5020 (grade)
20HP301 (grade)	3	3653	2150	229	64	810	178	15.0	E5024 (grade)
20HP302 (grade)	3	4383	2580	229	64	962	178	16.0	E5030 (grade)



20HP25 (grade) to 20HP37 (grade) | 20HP50 (grade) to 20HP302 (grade)

specification

Coalescing filter element grades

Grade	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 ³	8.2 ppm	5 mg/m ³	4.1 ppm	0.1 mg/m ³	0.1 ppm	0.01 mg/m ³	0.01 ppm	0.003 mg/m ³	0.003 ppm
Maximum temperature	120°C	248°F	120°C	248°F	120°C	248°F	120°C	248°F	25°C	77°F
Maximum working pressure	20 barg (300 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 ³	0.003 ppm
Maximum temperature	120°C	248°F	120°C	248°F	120°C	248°F	120°C	248°F	25°C	77°F
Maximum working pressure	20 barg (300 psig)									
Element end cap colour	black									

technical notes

- 1 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.
- 2 All alloy high pressure filters are supplied with a drain plug. High pressure drains are available, see page 39.
- 3 Differential pressure indicators are available for 20 barg applications.
- 4 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 (CO₂).

