

Alps series filters

MODEL

AF1830

Filter capacity	l/min	30500	Flow rates at 7 bar and 20°C QF - Dust Filtration PF - General purpose Protection Filtration HF - High Efficiency Oil Removal Filtration CF - Activated Carbon Filtration
	m <sup>3</sup> /h	1830	
Working pressure	bar	7 (17 max)	
Air connections	IN/OUT	3" BSP	
Net weight	Kg	10,7	
Standard type of drain	None		

Filtration grade		QF	PF	HF	CF
Complete filter code		04A.1830AQG03	04A.1830APG03	04A.1830AHG03	04A.1830ACG03
Filter element code		04E.1830AQ	04E.1830AP	04E.1830AH	04E.1830AC
Physical filtration process		Interception	Interception+coal escing	Interception+coal escing	Adsorption
Max solid dimension intercepted (ISO 8573-1)	µm	1 µ	0,1 µ	0,01 µ	//
Max solid dimension intercepted (ISO 8573-1)	Class	3	2	1	//
Remaining oil content after filtration (ISO 12500-1)	mg/m <sup>3</sup>	//	0,1 mg/m <sup>3</sup>	0,01 mg/m <sup>3</sup>	0,003 mg/m <sup>3</sup>
Remaining oil content after filtration (ISO 12500-1)	Class	//	2	1	//
Max temperature	°C	100	100	100	60
Pressure drop with new element	bar	0,054	0,06	0,06	0,042
Pressure drop with saturated elements	bar	0,11	0,11	0,11	0,11
Element replacement time	hours	4000 h	4000 h	4000 h	1000 h
Element replacement time	months	6	6	6	3

Line pressure [bar]	1	2	3	5	7	9	11	13	15	17
Correction factor	0,38	0,53	0,65	0,85	1,00	1,13	1,25	1,36	1,46	1,56

