

Alps series filters

MODEL

AF1830

Filter capacity	l/min	30500	Flow rates at 7 bar and 20°C
	m ³ /h	1830	
Working pressure	bar	7 (17 max)	
Air connections	IN/OUT	3" BSP	
Net weight	Kg	10,7	
Standard type of drain	Ball valve		QF - Dust Filtration PF - General purpose Protection Filtration HF - High Efficiency Oil Removal Filtration CF - Activated Carbon Filtration

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 + coalescing	Interception + coalescing	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 ³	//	0,1 mg/m ³	0,01 mg/m ³	0,003 mg/m ³
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

