

Alps series filters

MODEL

AF500

Filter capacity	l/min	8333	Flow rates at 7 bar and 20°C
	m ³ /h	500	
Working pressure	bar	7 (17 max)	
Air connections	IN/OUT	1½ BSP	
Net weight	Kg	2,4	
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.0500AQG03	04A.0500APG03	04A.0500AHG03	04A.0500ACG03
Filter element code		04E.0500AQ	04E.0500AP	04E.0500AH	04E.0500AC
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	0,072	0,08	0,08	0,056
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

