

Alps series filters

MODEL

AF500

Filter capacity	l/min	8333	Flow rates at 7 bar and 20°C
	m³/h	500	
Working pressure	bar	7 (17 max)	QF - Dust Filtration
Air connections	IN/OUT	1"½ BSP	PF - General purpose Protection Filtration
Net weight	Kg	2,4	HF - High Efficiency Oil Removal Filtration
			CF - Activated Carbon Filtration
Standard type of drain	Ball valve		

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 8573-1)	mg/m³	//	0,1 mg/m³	0,01 mg/m³	0,003 mg/m³
Remaining oil content after filtration (ISO 8573-1)	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

