

Alps series filters

MODEL

AF400

Filter capacity	l/min	6667	Flow rates at 7 bar and 20°C
	m³/h	400	
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.0400AQG03	04A.0400APG03	04A.0400AHG03	04A.0400ACG03
Filter element code		04E.0400AQ	04E.0400AP	04E.0400AH	04E.0400AC
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	0,045	0,05	0,05	0,035
Pressure drop with saturated elements	bar	0,1	0,1	0,1	0,1
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

