

Alps series filters

MODEL

AF190

Filter capacity	l/min	3167	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>2</sup> /h	190	
Working pressure	bar	7 (17 max)	
Air connections	IN/OUT	1" BSP	
Net weight	Kg	2,1	
Standard type of drain	Ball valve		

Filtration grade		QF	PF	HF	CF
Complete filter code		04A.0190AQG03	04A.0190APG03	04A.0190AHG03	04A.0190ACG03
Filter element code		04E.0190AQ	04E.0190AP	04E.0190AH	04E.0190AC
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 <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	0,036	0,04	0,04	0,028
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

