

## High Temperature Filters

### MODEL

### AF HT 1830

Filter capacity	l/min	155000	Flow rates at 7 bar and 20°C
	m³/h	9300	
Working pressure	bar	7 (16 max)	QF - Dust Filtration
Air connections	IN/OUT	DN 150	PF - General purpose Protection Filtration
Net weight	Kg	192	HF - High Efficiency Oil Removal Filtration
Standard type of drain	Ball valve		

Filtration grade		QF	PF	HF
Complete filter code		04D.1830CQG00	04D.1830CPG00	04D.1830CHG00
Filter element code		04E.1830CQ	04E.1830CP	04E.1830CH
Physical filtration process		Interception	Interception + coalescing	Interception + coalescing
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
Remaining oil content after filtration (ISO 8573-1)	Class	//	2	1
Max temperature	°C	150	150	150
Pressure drop with new element	bar	0,05	0,1	0,1
Pressure drop with saturated elements	bar	0,4	0,4	0,4
Element replacement time	hours	4000 h	4000 h	4000 h
Element replacement time	months	6	6	6

Line pressure [bar]	1	2	3	5	7	9	11	13	15	16
Correction factor	0,38	0,53	0,65	0,85	1,00	1,13	1,25	1,36	1,46	1,51

