

High Temperature Filters

MODEL

AF HT 490

Filter capacity	l/min	8167	Flow rates at 7 bar and 20°C
	m³/h	490	
Working pressure	bar	7 (16 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
Standard type of drain	Ball valve		

Filtration grade		QF	PF	HF
Complete filter code		04D.0490CQG00	04D.0490CPG00	04D.0490CHG00
Filter element code		04E.0490CQ	04E.0490CP	04E.0490CH
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

