



TECHNICAL DATA SHEET

Rev.01 - 18/11/2020

Standard filters

MODEL

F0700

Filter capacity	l/min	70000
	m³/h	4200
Working pressure	bar	7 (16 max)
Air connections	IN/OUT	DN125
Net weight	Kg	196
Standard type of drain	Ball valve	

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

Filtration grade		QF	PF	HF	CF
Complete filter code		04F.4200.QG00	04F.4200.PG00	04F.4200.HG00	04F.4200.CG00
Filter element code		04E.4200.Q	04E.4200.P	04E.4200.H	04E.4200.C
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	0,05	0,1	0,1	0,08
Pressure drop with saturated elements	bar	0,4	0,4	0,4	0,4
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	16
Correction factor	0,38	0,53	0,65	0,85	1,00	1,13	1,25	1,36	1,46	1,51

Dimensions (mm)	
A	1275
B	630
C	285
D	300

