

FILTER HOUSING – CFFC

DESCRIPTION

CFFC filter housings have been specifically developed for high efficient removal of solid particles, water, oil aerosols, hydrocarbons and odour vapours compressed air ⁽¹⁾ systems. To meet the required compressed air quality appropriate filter element must be installed into filter housing.

APPLICATIONS ⁽²⁾

- Automotive
- Electronics
- Food & Beverage
- Chemical
- Petrochemical
- Plastics
- Paint
- General industrial application



⁽¹⁾ For any other technical gas please contact us or your local dealer

⁽²⁾ CFFC filter housing can be used in variety of applications. For applications not listed please contact us or your local dealer.

TECHNICAL SPECIFICATION

Operating temperature	1,5 - 65 °C	35 - 149 °F
Operating pressure	0 - 20 bar(g)	0 - 290 psi

MATERIALS

Housing material	Aluminium
Fittings, Screws	Brass, Brass-zinc plated, Steel
Cover	ABS
Sealing	NBR
Corrosion protection	Anodized (optional)
Outside protection	Powder paint coated (Epoxy-polyester base)
Lubricant	Shell cassida grease RLS 2



FLOTECH

Compressor & Vacuum Parts Ltd

SIZES

FILTER HOUSING	PIPE SIZE [inch]	FILTER ELEMENT	FLOW CAPACITY		DIMENSIONS [mm]				VOLUME [l]	WEIGHT [kg]
			[Nm ³ /h]	[scfm]	A	B	C	D		
CFFC 20	3/8"	20 C	72	42	187	88	20	80	0,47	0,7
CFFC 21	1/2"	21 C	96	56	256	88	20	80	0,6	0,8
CFFC 30	1/2"	30 C	150	88	278	106	25	100	1,2	1,3
CFFC 31	3/4"	31 C	216	127	278	106	25	100	1,2	1,3
CFFC 40	1"	40 C	282	166	252	125	32	120	1,57	2,1
CFFC 41	1"	41 C	360	212	352	125	32	140	2,2	2,4
CFFC 42	1 1/4"	42 C	432	254	352	125	32	140	2,2	2,4
CFFC 43	1 1/2"	43 C	510	300	450	125	32	160	3,0	3,2
CFFC 44	1 1/2"	44 C	750	441	450	125	32	160	3,0	3,2
CFFC 50	2	50 C	888	522	605	160	43	180	6,0	5,1
CFFC 51	2	51 C	1176	692	605	160	43	180	6,0	5,1
CFFC 52	2 1/2"	52 C	1440	847	685	160	43	200	6,5	6,3
CFFC 60	3"	60 C	1968	1158	800	240	55	300	19	12,9
CFFC 61	3"	61 C	2760	1624	800	240	55	300	19	12,9

Flow capacity at 7 bar(g), 20°C
Standard is BSP pipe connection, other pipe connection on request.

PRESSURE EQUIPMENT DIRECTIVE PED 2014/68/EU (Fluid group 2)

CFFC 20 - CFFC 42	Article 4.3
CFFC 43 - CFFC 52	Category 1, Module H
CFFC 60 - CFFC 61	Category 2, Module H

PRESSURE EQUIPMENT DIRECTIVE PED 2014/68/EU (Fluid group 1)⁽³⁾

CFFC 20 - CFFC 31	Article 4.3
CFFC 40 - CFFC 42	Category 1, Module H
CFFC 43 - CFFC 52	Category 2, Module H
CFFC 60 - CFFC 61	Category 3, Module H

⁽³⁾ Fluid group must be specified in the order, if not standard fluid group 2 is selected.

CORRECTION FACTORS

To calculate the correct capacity of a given filter based on actual operating conditions, multiply the nominal flow capacity by the appropriate correction factor(s).

CORRECTED CAPACITY = NOMINAL FLOW CAPACITY x C_{OP}

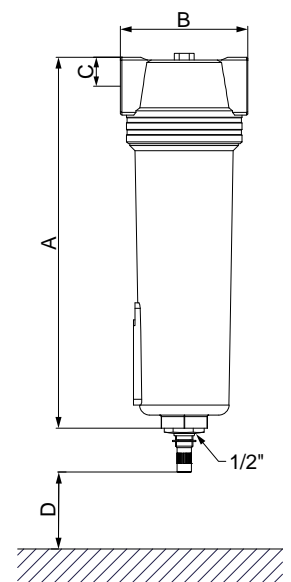
OPERATING PRESSURE


[bar]	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
[psi]	29	44	58	72	87	100	115	130	145	160	174	189	203	218	232	247	261	276	290
C _{OP}	0,38	0,5	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75	1,88	2,00	2,13	2,25	2,38	2,50	2,63

MAINTENANCE

Replace filter element at least every 12 months or follow the instructions for specific filter element. Once per year make a visual check of filter housing and make sure there is no visual damage.

INFORMATION IN THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE



	Our quality management system is certified by BUREAU VERITAS in conformity with ISO 9001:2015 Reg. number: 200285
---	--