

HIGH PRESSURE CARTRIDGE FILTER - CF4HP

DESCRIPTION

CF4HP stainless steel high pressure filters have been developed for high efficient removal of solid particles, water, oil aerosols, hydrocarbons and other vapours or particles from compressed air systems, water or fuels.

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⁾CF4HP filter housing can be used in variety of applications. For applications not listed please contact us.



TECHNICAL SPECIFICATION

Operating temperature

1,5 - 65 °C

35 - 149 °F

Operating pressure

0 – 100, 250, 400 bar(a)

0 – 1450, 3625, 5800 psi

MATERIALS

Housing material

Stainless steel 1.4301

Sealing

Viton

Filter element

Stainless steel 1.4301

SIZES

TYPE	PIPE SIZE-D [inch]	FILTER ELEMENT	FLOW CAPACITY		DIMENSIONS [mm]			VOLUME [l]	WEIGHT
			[m ³ /h]	[scfm]	A	B	C		
CF4HP.008	1/4	5 or 25 µm.	40	23,5	165	83,5	70	0,26	4,6
CF4HP.010	3/8	5 or 25 µm.	70	41,2	165	83,5	70	0,26	4,6
CF4HP.015	1/2	5 or 25 µm.	130	76,5	210	105	85	0,5	8,7
CF4HP.020	3/4	5 or 25 µm.	195	115	210	105	85	0,5	9,3
CF4HP.025	1	5 or 25 µm.	275	162	253	119	100	0,83	11,6
CF4HP.032	1 1/4	5 or 25 µm.	380	223	303	119	100	1	16
CF4HP.040	1 1/2	5 or 25 µm.	495	291	329	146	130	2	26,5
CF4HP.050	2	5 or 25 µm.	715	421	415	182	150	3,3	49

Flow capacity at 7 bar(g), 20°C

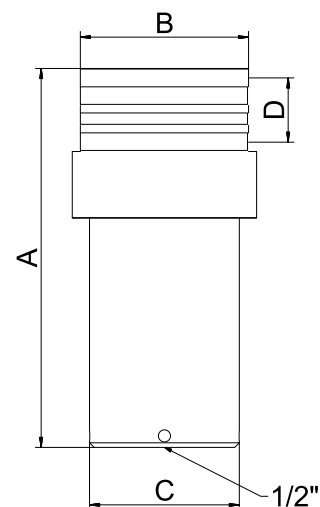
CORRECTION FACTORS

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]	7	25	40	64	100	250	400
[psi]	100	362	580	928	1450	3625	5800
C _{OP}	1	3	5	8	12	12	12



MAINTENANCE

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