Industrial self cleaning filters

BACKWASHABLE SELF CLEANING FILTERS

FILBLACK FBK-4000-02

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TECHNICAL FEATURES

Type	FILBLACK FBK-4000-02
Material	AISI 316 L
N. basket - Height	2x20 "
Continuous flow	No
Micron	50, 80, 125, 200, 300, 500, 800
Efficiency	90%
Efficiency on non compressible particles	High
Efficiency on compressible particles	Good
Efficiency on light particles	Good

DESIGN DATA

Min working pressure	1 bar
Max working pressure	10 bar
Hydraulic test pressure	15 bar
Max working temperature	50°C
pH min	5
pH max	9
Max diameter inlet particles	3 mm
Max total suspended solids	50 mg/l (50-80 Micron) 100 mg/l (125-200-300-500-800 Micron)
Max pressure difference	2 bar

POWER

SCOPE OF USE

Water

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APPLICATIONS

- Prefiltration for water treatment plants
- Process water
- Evaporative cooling towers
- Heat exchangers
- Irrigation
- Aquaculture
- Protection of spray nozzles
- Prefiltration for ultrafiltration (UF) plants
- Prefiltration for reverse osmosis (RO) plants

Code	Filtering surface	Height	Connection drain	Micron	Nominal Flow rate (l/h)'	Cleaning flow rate at 2 bar(m3/h)"	Cleaning time (sec)	Euro/each
FBK4000316L022050M	0.44 m²	2x20 "	1/2"G "	50	36.000	36,00	10	Login
FBK4000316L022080M	0.44 m²	2x20 "	1/2"G "	80	36.000	36,00	10	Login
FBK4000316L0220125M	0.44 m²	2x20 "	1/2"G "	125	36.000	36,00	10	Login
FBK4000316L0220200M	0.44 m²	2x20 "	1/2"G "	200	36.000	36,00	10	Login
FBK4000316L0220300M	0.44 m²	2x20 "	1/2"G "	300	36.000	36,00	10	Login
FBK4000316L0220500M	0.44 m²	2x20 "	1/2"G "	500	36.000	36,00	10	Login
FBK4000316L0220800M	0.44 m²	2x20 "	1/2"G "	800	36.000	36,00	10	Login

European Community members only.

These filters are free of the "CE" stamp since they are included in the article n. 4 para 3 of the P.E.D. 2014/68/EU of 15 May 2014. These filters can be used only with the fluid and design that respect the conditions established by the directive above mentioned.
PED REFERENCES: PED 2014/68/EU
FLUID: NOT DANGEROUS, ARTICLES: 4.1 LETTER (a) (ii); 4.3; 13.1

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For determining the flow rate, we recommend using the calculation software Everblue Selector or consulting our virtual assistant BlueBot available on the homepage.

SELF CLEANING FILTERS CODE LIST

Model	Material		Connection IN/OUT		Micron		Specs and finishing	
FBK4000	AISI 316 L	316L	2x20 "	0220	50 µm 80 µm 125 µm 200 µm 300 µm 500 µm 800 µm	50 80 125 200 300 500 800	Ceramic blasted	M

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Approximate picture. End caps and height's choice will lead to the assembly of a product which could differ from those shown in figure
Flow rate chart available on www.everblue.it by choosing microns gradient and connections and selecting specific product data sheet