

Industrial self cleaning filters

BACKWASHABLE SELF CLEANING FILTERS

FILBLACK FBK-4000-01

[Download technical drawing PDF](#) 

TECHNICAL FEATURES

Type	FILBLACK FBK-4000-01
Material	AISI 316 L
N. basket - Height	1x20 "
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	Description	Filtering surface	Height	Connecti on drain	Micron	Flow rate	Cleaning flow rate at 2 bar(m3/h)"	Cleaning time (sec)	Euro/each
FBK4000316L012050M	FILBLACK FBK-4000-01	0.22 m ²	1x20 "	1/2"G "	50	18.000	18,00	10	Login
FBK4000316L012080M	FILBLACK FBK-4000-01	0.22 m ²	1x20 "	1/2"G "	80	18.000	18,00	10	Login
FBK4000316L0120125M	FILBLACK FBK-4000-01	0.22 m ²	1x20 "	1/2"G "	125	18.000	18,00	10	Login
FBK4000316L0120200M	FILBLACK FBK-4000-01	0.22 m ²	1x20 "	1/2"G "	200	18.000	18,00	10	Login
FBK4000316L0120300M	FILBLACK FBK-4000-01	0.22 m ²	1x20 "	1/2"G "	300	18.000	18,00	10	Login
FBK4000316L0120500M	FILBLACK FBK-4000-01	0.22 m ²	1x20 "	1/2"G "	500	18.000	18,00	10	Login
FBK4000316L0120800M	FILBLACK FBK-4000-01	0.22 m ²	1x20 "	1/2"G "	800	18.000	18,00	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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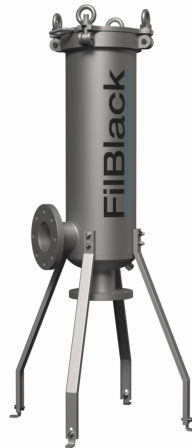
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For determining the flow rate, we recommend using the calculation software [Everblue Selector](#) or consulting our virtual assistant [BlueBot](#) available on the [homepage](#).

SELF CLEANING FILTERS CODE LIST

Model	Material	Connection IN/OUT	Micron	Specs and finishing
FBK4000	AISI 316 L 316L	1x20 " 0120	50 µm 80 µm 125 µm 200 µm 300 µm 500 µm 800 µm	Ceramic blasted M



*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*