

Industrial self cleaning filters

BACKWASHABLE SELF CLEANING FILTERS

FILBLACK FBK-4000-02-4RS

[Download technical drawing PDF](#) 

TECHNICAL FEATURES

Type	FILBLACK FBK-4000-02-4RS
Material	AISI 316 L
N. basket - Height	8x20 "
Continuous flow	No
Micron	50, 80, 125, 200, 300, 500, 800
Efficiency	90%
Efficiency on non compressible particles	Heigh
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
FBK40004RS316L082050M	FILBLACK FBK-4000-02-4RS	1.76 m ²	8x20 "	1/2"G "	50	144.000	144,00	10	Login
FBK40004RS316L082080M	FILBLACK FBK-4000-02-4RS	1.76 m ²	8x20 "	1/2"G "	80	144.000	144,00	10	Login
FBK40004RS316L0820125M	FILBLACK FBK-4000-02-4RS	1.76 m ²	8x20 "	1/2"G "	125	144.000	144,00	10	Login
FBK40004RS316L0820200M	FILBLACK FBK-4000-02-4RS	1.76 m ²	8x20 "	1/2"G "	200	144.000	144,00	10	Login
FBK40004RS316L0820300M	FILBLACK FBK-4000-02-4RS	1.76 m ²	8x20 "	1/2"G "	300	144.000	144,00	10	Login
FBK40004RS316L0820500M	FILBLACK FBK-4000-02-4RS	1.76 m ²	8x20 "	1/2"G "	500	144.000	144,00	10	Login
FBK40004RS316L0820800M	FILBLACK FBK-4000-02-4RS	1.76 m ²	8x20 "	1/2"G "	800	144.000	144,00	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
FBK40004RS	AISI 316 L 316L	8x20 " 0820	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*