

Industrial self cleaning filters

BACKWASHABLE SELF CLEANING FILTERS

FILBLANC FBC-4000-02-4RS

[Download technical drawing PDF](#) 

TECHNICAL FEATURES

Type	FILBLANC FBC-4000-02-4RS
Material	FRP (Fiberglass)
N. basket - Height	8x20 "
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
Sea 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
FBC40004RSFRP082050WH	FILBLANC FBC-4000-02-4RS	1.76 m ²	8x20 "	1 "	50	144.000	144,00	10	Login
FBC40004RSFRP082080WH	FILBLANC FBC-4000-02-4RS	1.76 m ²	8x20 "	1 "	80	144.000	144,00	10	Login
FBC40004RSFRP0820125WH	FILBLANC FBC-4000-02-4RS	1.76 m ²	8x20 "	1 "	125	144.000	144,00	10	Login
FBC40004RSFRP0820200WH	FILBLANC FBC-4000-02-4RS	1.76 m ²	8x20 "	1 "	200	144.000	144,00	10	Login
FBC40004RSFRP0820300WH	FILBLANC FBC-4000-02-4RS	1.76 m ²	8x20 "	1 "	300	144.000	144,00	10	Login
FBC40004RSFRP0820500WH	FILBLANC FBC-4000-02-4RS	1.76 m ²	8x20 "	1 "	500	144.000	144,00	10	Login
FBC40004RSFRP0820800WH	FILBLANC FBC-4000-02-4RS	1.76 m ²	8x20 "	1 "	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
FBC40004RS	FRP (Fiberglass) FRP	8x20 " 0820	50 µm 80 µm 125 µm 200 µm 300 µm 500 µm 800 µm	White WH



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