Industrial self cleaning filters

BACKWASHABLE SELF CLEANING FILTERS

FILBLANC FBC-4000-02-3RS

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TECHNICAL FEATURES

Type	FILBLANC FBC-4000-02-3RS
Material	FRP (Fiberglass)
N. basket - Height	6x20 "
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	Connection drain	Micron	Nominal Flow rate (l/h)'	Cleaning flow rate at 2 bar(m3/h)"	Cleaning time (sec)	Euro/each
FBC40003RSFRP062050WH	FILBLANC FBC-4000-02-3R	1.32 m²	6x20 "	1 "	50	108.000	108,00	10	Login
FBC40003RSFRP062080WH	FILBLANC FBC-4000-02-3R	1.32 m²	6x20 "	1 "	80	108.000	108,00	10	Login
FBC40003RSFRP0620125WH	FILBLANC FBC-4000-02-3R	1.32 m²	6x20 "	1 "	125	108.000	108,00	10	Login
FBC40003RSFRP0620200WH	FILBLANC FBC-4000-02-3R	1.32 m²	6x20 "	1 "	200	108.000	108,00	10	Login
FBC40003RSFRP0620300WH	FILBLANC FBC-4000-02-3R	1.32 m²	6x20 "	1 "	300	108.000	108,00	10	Login
FBC40003RSFRP0620500WH	FILBLANC FBC-4000-02-3R	1.32 m²	6x20 "	1 "	500	108.000	108,00	10	Login
FBC40003RSFRP0620800WH	FILBLANC FBC-4000-02-3R	1.32 m²	6x20 "	1 "	800	108.000	108,00	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	
FBC40003RS	FRP (Fiberglass)	FRP	6x20 "	0620	50 µm 80 µm 125 µm 200 µm 300 µm 500 µm 800 µm	50 80 125 200 300 500 800	White	WH

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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