

Industrial self cleaning filters

BACKWASHABLE SELF CLEANING FILTERS

FILBLUE FBL-4000-02

[Link to product's PDF drawing](#)

TECHNICAL FEATURES:

Type	FILBLUE FBL-4000-02
Material	FRP (Fiberglass)
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	8
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

Electric power	-
Electric power solenoid valve	-
Air pressure min	-
Air pressure max	0 bar

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APPLICATIONS

Water

Sea water

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	Connection In/Out	Connection drain	Micron	Flow rate	Cleaning flow rate at 2 bar(m3/h)"	Cleaning time (sec)	Power needed (Watt)	Quantity box	€/each
FBL4000FRP022050WH	FILBLUE FBL-4000-02	0.44 m ²	2x20 "	1" 1/2 VICTAULIC	50	36.000	36,00	10	0	1	-
FBL4000FRP022080WH	FILBLUE FBL-4000-02	0.44 m ²	2x20 "	1" 1/2 VICTAULIC	80	36.000	36,00	10	0	1	-
FBL4000FRP0220125WH	FILBLUE FBL-4000-02	0.44 m ²	2x20 "	1" 1/2 VICTAULIC	125	36.000	36,00	10	0	1	-
FBL4000FRP0220200WH	FILBLUE FBL-4000-02	0.44 m ²	2x20 "	1" 1/2 VICTAULIC	200	36.000	36,00	10	0	1	-
FBL4000FRP0220300WH	FILBLUE FBL-4000-02	0.44 m ²	2x20 "	1" 1/2 VICTAULIC	300	36.000	36,00	10	0	1	-
FBL4000FRP0220500WH	FILBLUE FBL-4000-02	0.44 m ²	2x20 "	1" 1/2 VICTAULIC	500	36.000	36,00	10	0	1	-
FBL4000FRP0220800WH	FILBLUE FBL-4000-02	0.44 m ²	2x20 "	1" 1/2 VICTAULIC	800	36.000	36,00	10	0	1	-



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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SELF CLEANING FILTERS CODE LIST

Model	Material		Connection IN/OUT		Micron		Specs and finishing	
FBL4000	FRP (Fiberglass)	FRP	2x20 "	0220	50 µm 80 µm 125 µm 200 µm 300 µm 500 µm 800 µm	50 80 125 200 300 500 800	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