

Industrial self cleaning filters

BACKWASHABLE SELF CLEANING FILTERS

FILBLUE FBL-4000-03

[Download technical drawing PDF](#)



TECHNICAL FEATURES

Type	FILBLUE FBL-4000-03
Material	FRP (Fiberglass)
N. basket - Height	3x20 "
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

Industrial self cleaning filters

BACKWASHABLE SELF CLEANING FILTERS

FILBLUE FBL-4000-03

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(m ³ /h)"	Cleaning time (sec)	Euro/each
FBL4000FRP032050WH	FILBLUE FBL-4000-03	0.66 m ²	3x20 "	1" 1/2 VICTAULIC	50	54.000	54,00	10	Login
FBL4000FRP032080WH	FILBLUE FBL-4000-03	0.66 m ²	3x20 "	1" 1/2 VICTAULIC	80	54.000	54,00	10	Login
FBL4000FRP0320125WH	FILBLUE FBL-4000-03	0.66 m ²	3x20 "	1" 1/2 VICTAULIC	125	54.000	54,00	10	Login
FBL4000FRP0320200WH	FILBLUE FBL-4000-03	0.66 m ²	3x20 "	1" 1/2 VICTAULIC	200	54.000	54,00	10	Login
FBL4000FRP0320300WH	FILBLUE FBL-4000-03	0.66 m ²	3x20 "	1" 1/2 VICTAULIC	300	54.000	54,00	10	Login
FBL4000FRP0320500WH	FILBLUE FBL-4000-03	0.66 m ²	3x20 "	1" 1/2 VICTAULIC	500	54.000	54,00	10	Login
FBL4000FRP0320800WH	FILBLUE FBL-4000-03	0.66 m ²	3x20 "	1" 1/2 VICTAULIC	800	54.000	54,00	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

Industrial self cleaning filters

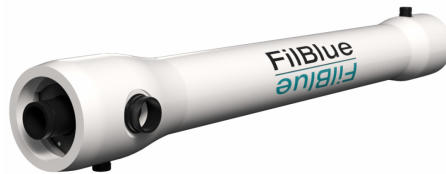
BACKWASHABLE SELF CLEANING FILTERS

FILBLUE FBL-4000-03

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
FBL4000	FRP (Fiberglass) FRP	3x20 " 0320	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