

Industrial self cleaning filters

BACKWASHABLE SELF CLEANING FILTERS

FILBLUE FB4000

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

TECHNICAL FEATURES:

Type	FILBLUE FB4000
Material	PP (Polypropylene)
In/Out	1" 1/2 BSP F
Continuous flow	No
Micron	80, 300
Efficiency	75%
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	8 bar
Hydraulic test pressure	12 bar
Max working temperature	50°C
pH min	5
pH max	8
Max diameter inlet particles	3 mm
Max total suspended solids	100 mg/l
Max pressure difference	0 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 on drain	Micron	Flow rate	Cleaning flow rate at 2 bar(m3/h)"	Cleaning time (sec)	Power needed (Watt)	Quantity box	€/each
FB4000PP112FT8009	FILBLUE FB4000	0.09 m ²	1" 1/2 BSP F	- -	80	4.050	4,05	15	0	1	-
FB4000PP112FT8020	FILBLUE FB4000	0.18 m ²	1" 1/2 BSP F	- -	80	8.100	8,10	15	0	1	-
FB4000PP112FT30009	FILBLUE FB4000	0.09 m ²	1" 1/2 BSP F	- -	300	4.500	4,50	15	0	1	-
FB4000PP112FT30020	FILBLUE FB4000	0.18 m ²	1" 1/2 BSP F	- -	300	9.000	9,00	15	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

Design code: BS EN 13923 2005

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SELF CLEANING FILTERS CODE LIST

Model	Material		Connection IN/OUT		Micron		Specs and finishing	
FB4000	PP (Polypropylene)	PP	1" 1/2 BSP F	112FT	80 µm 300 µm	80 300	Length 9"3/4 Length 20"	09 20



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