

Industrial self cleaning filters

SELF CLEANING FILTERS WITH SUCTION NOZZLES

FILBLUE FBL2000A

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TECHNICAL FEATURES

Type	FILBLUE FBL2000A
Material	FRP (Fiberglass)
In/Out	2" VICTAULIC, 3" VICTAULIC, 4" VICTAULIC, 5" VICTAULIC, 6" VICTAULIC
Continuous flow	Yes
Micron	25, 50, 80, 125, 200, 300, 500, 800
Efficiency	90%
Efficiency on non compressible particles	High
Efficiency on compressible particles	Medium
Efficiency on light particles	Medium

DESIGN DATA

Min working pressure - filtration phase	0.5 bar
Min working pressure - regeneration cycle	2.5 bar
Max working pressure	6 bar
Hydraulic test pressure	9 bar
Max working temperature	50°C
pH min	5
pH max	9
Max diameter inlet particles	3 mm
Max total suspended solids	20 mg/l (25µm) - 50 mg/l (50-80µm) - 100 mg/l (125-200-300-500-800µm)
Max pressure difference	1 bar

POWER

Electric power	12 Volt DC 10A / 120 Watt
Electric power solenoid valve	12 Volt DC
Air pressure min	2 bar
Air pressure max	8 bar

SCOPE OF USE

Water
Sea water

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FILBLUE FBL2000A

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	Connectio n In/Out	Connecti on drain	Micron	Flow rate	Cleaning flow rate at 2 bar(m3/h)"	Cleaning time (sec)	Power needed (Watt)	Euro/each
FBL2000AFRP200VI25WH	FILBLUE FBL2000A	0.22 m ²	2" VICTAULIC	1" 1/4 BSP F	25	27.000	9,00	14	120	Login
FBL2000AFRP200VI50WH	FILBLUE FBL2000A	0.22 m ²	2" VICTAULIC	1" 1/4 BSP F	50	27.000	9,00	14	120	Login
FBL2000AFRP200VI80WH	FILBLUE FBL2000A	0.22 m ²	2" VICTAULIC	1" 1/4 BSP F	80	27.000	9,00	14	120	Login
FBL2000AFRP200VI125WH	FILBLUE FBL2000A	0.22 m ²	2" VICTAULIC	1" 1/4 BSP F	125	27.000	9,00	14	120	Login
FBL2000AFRP200VI200WH	FILBLUE FBL2000A	0.22 m ²	2" VICTAULIC	1" 1/4 BSP F	200	27.000	9,00	14	120	Login
FBL2000AFRP200VI300WH	FILBLUE FBL2000A	0.22 m ²	2" VICTAULIC	1" 1/4 BSP F	300	27.000	9,00	14	120	Login
FBL2000AFRP200VI500WH	FILBLUE FBL2000A	0.22 m ²	2" VICTAULIC	1" 1/4 BSP F	500	27.000	9,00	14	120	Login
FBL2000AFRP200VI800WH	FILBLUE FBL2000A	0.22 m ²	2" VICTAULIC	1" 1/4 BSP F	800	27.000	9,00	14	120	Login
FBL2000AFRP300VI25WH	FILBLUE FBL2000A	0.22 m ²	3" VICTAULIC	1" 1/4 BSP F	25	54.000	9,00	14	120	Login
FBL2000AFRP300VI50WH	FILBLUE FBL2000A	0.22 m ²	3" VICTAULIC	1" 1/4 BSP F	50	54.000	9,00	14	120	Login
FBL2000AFRP300VI80WH	FILBLUE FBL2000A	0.22 m ²	3" VICTAULIC	1" 1/4 BSP F	80	54.000	9,00	14	120	Login
FBL2000AFRP300VI125WH	FILBLUE FBL2000A	0.22 m ²	3" VICTAULIC	1" 1/4 BSP F	125	54.000	9,00	14	120	Login
FBL2000AFRP300VI200WH	FILBLUE FBL2000A	0.22 m ²	3" VICTAULIC	1" 1/4 BSP F	200	54.000	9,00	14	120	Login
FBL2000AFRP300VI300WH	FILBLUE FBL2000A	0.22 m ²	3" VICTAULIC	1" 1/4 BSP F	300	54.000	9,00	14	120	Login
FBL2000AFRP300VI500WH	FILBLUE FBL2000A	0.22 m ²	3" VICTAULIC	1" 1/4 BSP F	500	54.000	9,00	14	120	Login
FBL2000AFRP300VI800WH	FILBLUE FBL2000A	0.22 m ²	3" VICTAULIC	1" 1/4 BSP F	800	54.000	9,00	14	120	Login
FBL2000AFRP400VI25WH	FILBLUE FBL2000A	0.45 m ²	4" VICTAULIC	1" 1/4 BSP F	25	108.000	12,00	14	120	Login
FBL2000AFRP400VI50WH	FILBLUE FBL2000A	0.45 m ²	4" VICTAULIC	1" 1/4 BSP F	50	108.000	12,00	14	120	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

Design code:

BS EN 13923 2005

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FILBLUE FBL2000A



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)	Euro/each
FBL2000AFRP400VI80WH	FILBLUE FBL2000A	0.45 m ²	4" VICTAULIC	1" 1/4 BSP F	80	108.000	12,00	14	120	Login
FBL2000AFRP400VI125WH	FILBLUE FBL2000A	0.45 m ²	4" VICTAULIC	1" 1/4 BSP F	125	108.000	12,00	14	120	Login
FBL2000AFRP400VI200WH	FILBLUE FBL2000A	0.45 m ²	4" VICTAULIC	1" 1/4 BSP F	200	108.000	12,00	14	120	Login
FBL2000AFRP400VI300WH	FILBLUE FBL2000A	0.45 m ²	4" VICTAULIC	1" 1/4 BSP F	300	108.000	12,00	14	120	Login
FBL2000AFRP400VI500WH	FILBLUE FBL2000A	0.45 m ²	4" VICTAULIC	1" 1/4 BSP F	500	108.000	12,00	14	120	Login
FBL2000AFRP400VI800WH	FILBLUE FBL2000A	0.45 m ²	4" VICTAULIC	1" 1/4 BSP F	800	108.000	12,00	14	120	Login
FBL2000AFRP500VI25WH	FILBLUE FBL2000A	0.45 m ²	5" VICTAULIC	1" 1/4 BSP F	25	144.000	12,00	14	120	Login
FBL2000AFRP500VI50WH	FILBLUE FBL2000A	0.45 m ²	5" VICTAULIC	1" 1/4 BSP F	50	144.000	12,00	14	120	Login
FBL2000AFRP500VI80WH	FILBLUE FBL2000A	0.45 m ²	5" VICTAULIC	1" 1/4 BSP F	80	144.000	12,00	14	120	Login
FBL2000AFRP500VI125WH	FILBLUE FBL2000A	0.45 m ²	5" VICTAULIC	1" 1/4 BSP F	125	144.000	12,00	14	120	Login
FBL2000AFRP500VI200WH	FILBLUE FBL2000A	0.45 m ²	5" VICTAULIC	1" 1/4 BSP F	200	144.000	12,00	14	120	Login
FBL2000AFRP500VI300WH	FILBLUE FBL2000A	0.45 m ²	5" VICTAULIC	1" 1/4 BSP F	300	144.000	12,00	14	120	Login
FBL2000AFRP500VI500WH	FILBLUE FBL2000A	0.45 m ²	5" VICTAULIC	1" 1/4 BSP F	500	144.000	12,00	14	120	Login
FBL2000AFRP500VI800WH	FILBLUE FBL2000A	0.45 m ²	5" VICTAULIC	1" 1/4 BSP F	800	144.000	12,00	14	120	Login
FBL2000AFRP600VI25WH	FILBLUE FBL2000A	0.45 m ²	6" VICTAULIC	1" 1/4 BSP F	25	198.000	12,00	14	120	Login
FBL2000AFRP600VI50WH	FILBLUE FBL2000A	0.45 m ²	6" VICTAULIC	1" 1/4 BSP F	50	198.000	12,00	14	120	Login
FBL2000AFRP600VI80WH	FILBLUE FBL2000A	0.45 m ²	6" VICTAULIC	1" 1/4 BSP F	80	198.000	12,00	14	120	Login
FBL2000AFRP600VI125WH	FILBLUE FBL2000A	0.45 m ²	6" VICTAULIC	1" 1/4 BSP F	125	198.000	12,00	14	120	Login
FBL2000AFRP600VI200WH	FILBLUE FBL2000A	0.45 m ²	6" VICTAULIC	1" 1/4 BSP F	200	198.000	12,00	14	120	Login
FBL2000AFRP600VI300WH	FILBLUE FBL2000A	0.45 m ²	6" VICTAULIC	1" 1/4 BSP F	300	198.000	12,00	14	120	Login
FBL2000AFRP600VI500WH	FILBLUE FBL2000A	0.45 m ²	6" VICTAULIC	1" 1/4 BSP F	500	198.000	12,00	14	120	Login
FBL2000AFRP600VI800WH	FILBLUE FBL2000A	0.45 m ²	6" VICTAULIC	1" 1/4 BSP F	800	198.000	12,00	14	120	Login

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ACCESSORIES

Code	Description	Opzionale	?/each	Pic	PDF
ED187LM	12 VDC Power Supply	Yes	Login		

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	
FBL2000A	FRP (Fiberglass) FRP	2" VICTAULIC 3" VICTAULIC 4" VICTAULIC 5" VICTAULIC 6" VICTAULIC	200VI 300VI 400VI 500VI 600VI	25 µm 50 µm 80 µm 125 µm 200 µm 300 µm 500 µm 800 µm	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*