

## Industrial self cleaning filters

# SELF CLEANING FILTERS WITH SUCTION NOZZLES

## FILBLUE FBL2000A

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

### TECHNICAL FEATURES

Type	FILBLUE FBL2000A
Material	FRP (Fiberglass)
In/Out	2" VICTAULIC, 3" VICTAULIC, 4" VICTAULIC, 5" VICTAULIC, 6" VICTAULIC
Continuous flow	Yes
Micron	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	8
Max diameter inlet particles	3 mm
Max total suspended solids	50 mg/l (50-80µm) - 100 mg/l (125-200-300-500µm)
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

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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
FBL2000AFRP200VI50WH	FILBLUE FBL2000A	0.22 m <sup>2</sup>	2" VICTAULIC	1" 1/4 BSP F	50	27.000	9,00	10	120	1	-
FBL2000AFRP200VI80WH	FILBLUE FBL2000A	0.22 m <sup>2</sup>	2" VICTAULIC	1" 1/4 BSP F	80	27.000	9,00	10	120	1	-
FBL2000AFRP200VI125WH	FILBLUE FBL2000A	0.22 m <sup>2</sup>	2" VICTAULIC	1" 1/4 BSP F	125	27.000	9,00	10	120	1	-
FBL2000AFRP200VI200WH	FILBLUE FBL2000A	0.22 m <sup>2</sup>	2" VICTAULIC	1" 1/4 BSP F	200	27.000	9,00	10	120	1	-
FBL2000AFRP200VI300WH	FILBLUE FBL2000A	0.22 m <sup>2</sup>	2" VICTAULIC	1" 1/4 BSP F	300	27.000	9,00	10	120	1	-
FBL2000AFRP200VI500WH	FILBLUE FBL2000A	0.22 m <sup>2</sup>	2" VICTAULIC	1" 1/4 BSP F	500	27.000	9,00	10	120	1	-
FBL2000AFRP200VI800WH	FILBLUE FBL2000A	0.22 m <sup>2</sup>	2" VICTAULIC	1" 1/4 BSP F	800	27.000	9,00	10	120	1	-
FBL2000AFRP300VI50WH	FILBLUE FBL2000A	0.22 m <sup>2</sup>	3" VICTAULIC	1" 1/4 BSP F	50	54.000	9,00	10	120	1	-
FBL2000AFRP300VI80WH	FILBLUE FBL2000A	0.22 m <sup>2</sup>	3" VICTAULIC	1" 1/4 BSP F	80	54.000	9,00	10	120	1	-
FBL2000AFRP300VI125WH	FILBLUE FBL2000A	0.22 m <sup>2</sup>	3" VICTAULIC	1" 1/4 BSP F	125	54.000	9,00	10	120	1	-
FBL2000AFRP300VI200WH	FILBLUE FBL2000A	0.22 m <sup>2</sup>	3" VICTAULIC	1" 1/4 BSP F	200	54.000	9,00	10	120	1	-
FBL2000AFRP300VI300WH	FILBLUE FBL2000A	0.22 m <sup>2</sup>	3" VICTAULIC	1" 1/4 BSP F	300	54.000	9,00	10	120	1	-
FBL2000AFRP300VI500WH	FILBLUE FBL2000A	0.22 m <sup>2</sup>	3" VICTAULIC	1" 1/4 BSP F	500	54.000	9,00	10	120	1	-
FBL2000AFRP300VI800WH	FILBLUE FBL2000A	0.22 m <sup>2</sup>	3" VICTAULIC	1" 1/4 BSP F	800	54.000	9,00	10	120	1	-
FBL2000AFRP400VI50WH	FILBLUE FBL2000A	0.45 m <sup>2</sup>	4" VICTAULIC	1" 1/4 BSP F	50	108.000	12,00	10	120	1	-
FBL2000AFRP400VI80WH	FILBLUE FBL2000A	0.45 m <sup>2</sup>	4" VICTAULIC	1" 1/4 BSP F	80	108.000	12,00	10	120	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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# FILBLUE FBL2000A

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FBL2000AFRP400V1125WH	FILBLUE FBL2000A	0.45 m <sup>2</sup>	4" VICTAULIC	1" 1/4 BSP F	125	108.000	12,00	10	120	1	-
FBL2000AFRP400V1200WH	FILBLUE FBL2000A	0.45 m <sup>2</sup>	4" VICTAULIC	1" 1/4 BSP F	200	108.000	12,00	10	120	1	-
FBL2000AFRP400V1300WH	FILBLUE FBL2000A	0.45 m <sup>2</sup>	4" VICTAULIC	1" 1/4 BSP F	300	108.000	12,00	10	120	1	-
FBL2000AFRP400V1500WH	FILBLUE FBL2000A	0.45 m <sup>2</sup>	4" VICTAULIC	1" 1/4 BSP F	500	108.000	12,00	10	120	1	-
FBL2000AFRP400V1800WH	FILBLUE FBL2000A	0.45 m <sup>2</sup>	4" VICTAULIC	1" 1/4 BSP F	800	108.000	12,00	10	120	1	-
FBL2000AFRP500V150WH	FILBLUE FBL2000A	0.45 m <sup>2</sup>	5" VICTAULIC	1" 1/4 BSP F	50	144.000	12,00	10	120	1	-
FBL2000AFRP500V180WH	FILBLUE FBL2000A	0.45 m <sup>2</sup>	5" VICTAULIC	1" 1/4 BSP F	80	144.000	12,00	10	120	1	-
FBL2000AFRP500V1125WH	FILBLUE FBL2000A	0.45 m <sup>2</sup>	5" VICTAULIC	1" 1/4 BSP F	125	144.000	12,00	10	120	1	-
FBL2000AFRP500V1200WH	FILBLUE FBL2000A	0.45 m <sup>2</sup>	5" VICTAULIC	1" 1/4 BSP F	200	144.000	12,00	10	120	1	-
FBL2000AFRP500V1300WH	FILBLUE FBL2000A	0.45 m <sup>2</sup>	5" VICTAULIC	1" 1/4 BSP F	300	144.000	12,00	10	120	1	-
FBL2000AFRP500V1500WH	FILBLUE FBL2000A	0.45 m <sup>2</sup>	5" VICTAULIC	1" 1/4 BSP F	500	144.000	12,00	10	120	1	-
FBL2000AFRP500V1800WH	FILBLUE FBL2000A	0.45 m <sup>2</sup>	5" VICTAULIC	1" 1/4 BSP F	800	144.000	12,00	10	120	1	-
FBL2000AFRP600V150WH	FILBLUE FBL2000A	0.45 m <sup>2</sup>	6" VICTAULIC	1" 1/4 BSP F	50	198.000	12,00	10	120	1	-
FBL2000AFRP600V180WH	FILBLUE FBL2000A	0.45 m <sup>2</sup>	6" VICTAULIC	1" 1/4 BSP F	80	198.000	12,00	10	120	1	-
FBL2000AFRP600V1125WH	FILBLUE FBL2000A	0.45 m <sup>2</sup>	6" VICTAULIC	1" 1/4 BSP F	125	198.000	12,00	10	120	1	-
FBL2000AFRP600V1200WH	FILBLUE FBL2000A	0.45 m <sup>2</sup>	6" VICTAULIC	1" 1/4 BSP F	200	198.000	12,00	10	120	1	-
FBL2000AFRP600V1300WH	FILBLUE FBL2000A	0.45 m <sup>2</sup>	6" VICTAULIC	1" 1/4 BSP F	300	198.000	12,00	10	120	1	-
FBL2000AFRP600V1500WH	FILBLUE FBL2000A	0.45 m <sup>2</sup>	6" VICTAULIC	1" 1/4 BSP F	500	198.000	12,00	10	120	1	-
FBL2000AFRP600V1800WH	FILBLUE FBL2000A	0.45 m <sup>2</sup>	6" VICTAULIC	1" 1/4 BSP F	800	198.000	12,00	10	120	1	-

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# FILBLUE FBL2000A

#### 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	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](http://www.everblue.it) by choosing microns gradient and connections and selecting specific product data sheet*