

Industrial automatic self cleaning filters

SELF CLEANING FILTERS WITH SUCTION NOZZLES

FILBLUE FV2000 A

[Link to product's PDF drawing](http://www.everblue.it/CadDrawings/FV2000AFRPN80_I.pdf)

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PRODUCT AVAILABLE FROM APRIL 2018

FEATURES

Model	FV2000 A
Material	FRP
Connections	DN 80 FLANGE DN8063 PN16
Continuous flow	Yes
Micron	50 - 80 - 125 - 200 - 300 - 500
Efficiency	90%
Efficiency on non compressible particles	High
Efficiency on compressible particles	Medium
Efficiency on light particles	Medium

DESIGN DATA

Min working pressure	0,5 bar
Max working pressure	10 bar
Hydraulic test pressure	15 bar
Max working temperature	50°C
Life test	1.000 cycles from 0 to 10 bar
pH min	5
pH max	8
Max diameter inlet particles	3 mm
Max total suspended solids	100 mg/l
Max turbidity	10 NTU

POWER

Electric power	24 Volt - 50 Hz
Electric power solenoid valve	24 AC Volt / 6 Watt
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	Surface area	Connection In/Out	Connection drain	Micron	Flow rate (l/h) ¹	Cleaning flow rate at 1 bar (m ³ /h)	Cleaning time (sec.)	Power needed (Watt)	Q.tity box	-
FV2000 AFRPDN80F500	FILBLUE FV2000 A	0,15 m ²	DN 80 FLANGE DN8063 PN16	1" ½ BSP F	500	60.000	3,00	15	180	1	
FV2000 AFRPDN80F300	FILBLUE FV2000 A	0,15 m ²	DN 80 FLANGE DN8063 PN16	1" ½ BSP F	300	60.000	3,00	15	180	1	
FV2000 AFRPDN80F200	FILBLUE FV2000 A	0,15 m ²	DN 80 FLANGE DN8063 PN16	1" ½ BSP F	200	60.000	3,00	15	180	1	
FV2000 AFRPDN80F125	FILBLUE FV2000 A	0,15 m ²	DN 80 FLANGE DN8063 PN16	1" ½ BSP F	125	60.000	3,00	15	180	1	
FV2000 AFRPDN80F80	FILBLUE FV2000 A	0,15 m ²	DN 80 FLANGE DN8063 PN16	1" ½ BSP F	80	55.000	3,00	15	180	1	
FV2000 AFRPDN80F50	FILBLUE FV2000 A	0,15 m ²	DN 80 FLANGE DN8063 PN16	1" ½ BSP F	50	50.000	3,00	15	180	1	

¹Max clean water flow rate in l/h at 20°C and differential pressure 0,15 bar.



European community members only.

These filters satisfy all requirements of the European Directive for Pressure Equipment (P.E.D.) 97/23/EC, following module A (internal production control) as conformity assesment procedure.

Certificates: CE

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FILBLUE FV2000 A

SELF CLEANING FILTERS CODE LIST

Model	Material		Connection IN/OUT	Micron	Specs and finishing	
FV2000 A	FRP	FRP	DN 80 FLANGE DN8063 PN16 DN80F	50 80 125 200 300 500	50 80 125 200 300 500	



Approximate picture. Connections and measures 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