

## Industrial self cleaning filters

# BACKWASHABLE SELF CLEANING FILTERS

# FILMAX FMX-4000-01-3RS

[Download technical drawing PDF](#) 

### TECHNICAL FEATURES

Type	FILMAX FMX-4000-01-3RS
Material	PA (Polyamide)
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	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	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

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### 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	Micron	Flow rate	Cleaning flow rate at 2 bar(m <sup>3</sup> /h)"	Cleaning time (sec)	Euro/each
FMX40003RSPA032050	FILMAX FMX-4000-01-3RS	0.6 m <sup>2</sup>	3x20 "	50	81.000	81,00	10	<a href="#">Login</a>
FMX40003RSPA032080	FILMAX FMX-4000-01-3RS	0.6 m <sup>2</sup>	3x20 "	80	81.000	81,00	10	<a href="#">Login</a>
FMX40003RSPA0320125	FILMAX FMX-4000-01-3RS	0.6 m <sup>2</sup>	3x20 "	125	81.000	81,00	10	<a href="#">Login</a>
FMX40003RSPA0320200	FILMAX FMX-4000-01-3RS	0.6 m <sup>2</sup>	3x20 "	200	81.000	81,00	10	<a href="#">Login</a>
FMX40003RSPA0320300	FILMAX FMX-4000-01-3RS	0.6 m <sup>2</sup>	3x20 "	300	81.000	81,00	10	<a href="#">Login</a>
FMX40003RSPA0320500	FILMAX FMX-4000-01-3RS	0.6 m <sup>2</sup>	3x20 "	500	81.000	81,00	10	<a href="#">Login</a>
FMX40003RSPA0320800	FILMAX FMX-4000-01-3RS	0.6 m <sup>2</sup>	3x20 "	800	81.000	81,00	10	<a href="#">Login</a>



#### 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

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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
FMX40003RS	PA (Polyamide) PA	3x20 " 0320	50 µm 80 µm 125 µm 200 µm 300 µm 500 µm 800 µm



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