

Industrial self cleaning filters

BACKWASHABLE SELF CLEANING FILTERS

FILMAX FMX-4000-01

[Download technical drawing PDF](#)



TECHNICAL FEATURES

Type	FILMAX FMX-4000-01
Material	PA (Polyamide)
N. basket - Height	1x13 ", 1x20 "
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(m3/h)"	Cleaning time (sec)	Euro/each
FMX4000PA011350	FILMAX FMX-4000-01	0.11 m ²	1x13 "	50	18.000	18,00	10	Login
FMX4000PA011380	FILMAX FMX-4000-01	0.11 m ²	1x13 "	80	18.000	18,00	10	Login
FMX4000PA0113125	FILMAX FMX-4000-01	0.11 m ²	1x13 "	125	18.000	18,00	10	Login
FMX4000PA0113200	FILMAX FMX-4000-01	0.11 m ²	1x13 "	200	18.000	18,00	10	Login
FMX4000PA0113300	FILMAX FMX-4000-01	0.11 m ²	1x13 "	300	18.000	18,00	10	Login
FMX4000PA0113500	FILMAX FMX-4000-01	0.11 m ²	1x13 "	500	18.000	18,00	10	Login
FMX4000PA0113800	FILMAX FMX-4000-01	0.11 m ²	1x13 "	800	18.000	18,00	10	Login
FMX4000PA012050	FILMAX FMX-4000-01	0.2 m ²	1x20 "	50	27.000	27,00	10	Login
FMX4000PA012080	FILMAX FMX-4000-01	0.2 m ²	1x20 "	80	27.000	27,00	10	Login
FMX4000PA0120125	FILMAX FMX-4000-01	0.2 m ²	1x20 "	125	27.000	27,00	10	Login
FMX4000PA0120200	FILMAX FMX-4000-01	0.2 m ²	1x20 "	200	27.000	27,00	10	Login
FMX4000PA0120300	FILMAX FMX-4000-01	0.2 m ²	1x20 "	300	27.000	27,00	10	Login
FMX4000PA0120500	FILMAX FMX-4000-01	0.2 m ²	1x20 "	500	27.000	27,00	10	Login
FMX4000PA0120800	FILMAX FMX-4000-01	0.2 m ²	1x20 "	800	27.000	27,00	10	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

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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
FMX4000	PA (Polyamide) PA	1x13 " 1x20 "	0113 0120
			50 µm 80 µm 125 µm 200 µm 300 µm 500 µm 800 µm
			50 80 125 200 300 500 800



*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*