

Industrial self cleaning filters

SELF CLEANING FILTERS WITH SUCTION NOZZLES

FILMAX FMX2000A

[Download technical drawing PDF](#)



TECHNICAL FEATURES

| | |
|--|-------------------------------------|
| Type | FILMAX FMX2000A |
| Material | PA (Polyamide) |
| In/Out | 2" BSP M |
| 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 |

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 | 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 |
|--------------------|-----------------|---------------------|--------------------|-------------------|--------|-----------|------------------------------------|---------------------|---------------------|-----------------------|
| FMX2000APA200MT25 | FILMAX FMX2000A | 0.23 m ² | 2" BSP M | 1" 1/4 BSP F | 25 | 18.000 | 4,50 | 14 | 120 | Login |
| FMX2000APA200MT50 | FILMAX FMX2000A | 0.23 m ² | 2" BSP M | 1" 1/4 BSP F | 50 | 18.000 | 4,50 | 14 | 120 | Login |
| FMX2000APA200MT80 | FILMAX FMX2000A | 0.23 m ² | 2" BSP M | 1" 1/4 BSP F | 80 | 18.000 | 4,50 | 14 | 120 | Login |
| FMX2000APA200MT125 | FILMAX FMX2000A | 0.23 m ² | 2" BSP M | 1" 1/4 BSP F | 125 | 18.000 | 4,50 | 14 | 120 | Login |
| FMX2000APA200MT200 | FILMAX FMX2000A | 0.23 m ² | 2" BSP M | 1" 1/4 BSP F | 200 | 18.000 | 4,50 | 14 | 120 | Login |
| FMX2000APA200MT300 | FILMAX FMX2000A | 0.23 m ² | 2" BSP M | 1" 1/4 BSP F | 300 | 18.000 | 4,50 | 14 | 120 | Login |
| FMX2000APA200MT500 | FILMAX FMX2000A | 0.23 m ² | 2" BSP M | 1" 1/4 BSP F | 500 | 18.000 | 4,50 | 14 | 120 | Login |
| FMX2000APA200MT800 | FILMAX FMX2000A | 0.23 m ² | 2" BSP M | 1" 1/4 BSP F | 800 | 18.000 | 4,50 | 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



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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 |
|----------|----------------------|-------------------|---|
| FMX2000A | PA (Polyamide) PA | 2" BSP M 200MT | 25 µm 50 µm 80 µm 125 µm 200 µm 300 µm 500 µm 800 µm |

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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*