

## Industrial self cleaning filters

# BACKWASHABLE SELF CLEANING FILTERS

# FILBLUE FBL-4000-02-4RS

[Download technical drawing PDF](#) 

### TECHNICAL FEATURES

|  |                                 |
|--|---------------------------------|
| Type                                     | FILBLUE FBL-4000-02-4RS         |
| Material                                 | FRP (Fiberglass)                |
| N. basket - Height                       | 8x20 "                          |
| 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         | 10 bar   |
| Hydraulic test pressure      | 15 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

## Industrial self cleaning filters

# BACKWASHABLE SELF CLEANING FILTERS

## FILBLUE FBL-4000-02-4RS

### 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 | Connecti on drain | Micron | Flow rate | Cleaning flow rate at 2 bar(m3/h)" | Cleaning time (sec) | Euro/each             |
|------------------------|-------------------------|---------------------|--------|-------------------|--------|-----------|------------------------------------|---------------------|-----------------------|
| FBL40004RSFRP082050WH  | FILBLUE FBL-4000-02-4RS | 1.76 m <sup>2</sup> | 8x20 " | 1" 1/2 VICTAULIC  | 50     | 144.000   | 144,00                             | 10                  | <a href="#">Login</a> |
| FBL40004RSFRP082080WH  | FILBLUE FBL-4000-02-4RS | 1.76 m <sup>2</sup> | 8x20 " | 1" 1/2 VICTAULIC  | 80     | 144.000   | 144,00                             | 10                  | <a href="#">Login</a> |
| FBL40004RSFRP0820125WH | FILBLUE FBL-4000-02-4RS | 1.76 m <sup>2</sup> | 8x20 " | 1" 1/2 VICTAULIC  | 125    | 144.000   | 144,00                             | 10                  | <a href="#">Login</a> |
| FBL40004RSFRP0820200WH | FILBLUE FBL-4000-02-4RS | 1.76 m <sup>2</sup> | 8x20 " | 1" 1/2 VICTAULIC  | 200    | 144.000   | 144,00                             | 10                  | <a href="#">Login</a> |
| FBL40004RSFRP0820300WH | FILBLUE FBL-4000-02-4RS | 1.76 m <sup>2</sup> | 8x20 " | 1" 1/2 VICTAULIC  | 300    | 144.000   | 144,00                             | 10                  | <a href="#">Login</a> |
| FBL40004RSFRP0820500WH | FILBLUE FBL-4000-02-4RS | 1.76 m <sup>2</sup> | 8x20 " | 1" 1/2 VICTAULIC  | 500    | 144.000   | 144,00                             | 10                  | <a href="#">Login</a> |
| FBL40004RSFRP0820800WH | FILBLUE FBL-4000-02-4RS | 1.76 m <sup>2</sup> | 8x20 " | 1" 1/2 VICTAULIC  | 800    | 144.000   | 144,00                             | 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

## Industrial self cleaning filters

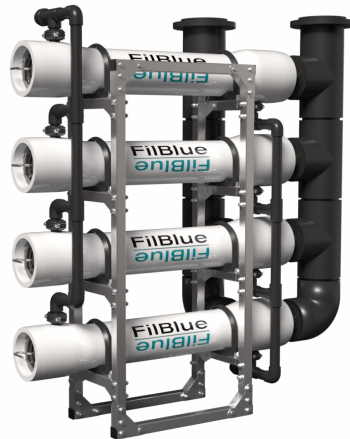
# BACKWASHABLE SELF CLEANING FILTERS

# FILBLUE FBL-4000-02-4RS

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   | Specs and finishing |
|------------|----------------------|-------------------|--|---------------------|
| FBL40004RS | FRP (Fiberglass) FRP | 8x20 " 0820       | 50 µm<br>80 µm<br>125 µm<br>200 µm<br>300 µm<br>500 µm<br>800 µm | 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