




# BagBlues

**Basket Filters**  
**Model: BagBlue FBL-S**

# Basket filters BagBlueS

A basket filter is a type of filter designed for the removal of all suspended solids present in surface waters (rivers, lakes, sea) of wells and springs. Basket filters are used for the removal from water of: leaves, branches, pebbles, sand, rust, pests, insects and other large particles.

Basket filters guarantee:

-  high performance
-  easy and quick maintenance
-  cost saving

**BagBlueS** basket filters are technically and economically the best solution currently available on the market as pretreatment for self-cleaning filters, for the protection of pumps and to give continuity to the filtration process after sand filters or resin plants for the construction of high flow filtration plants.

Their undisputed uniqueness, thanks to the use of certified raw materials of high quality, always guarantees better performance than any possible alternative.

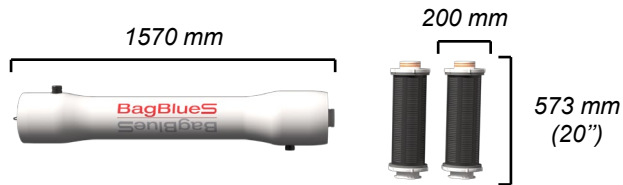


*the most technologically advanced solution for filtration with filter baskets*

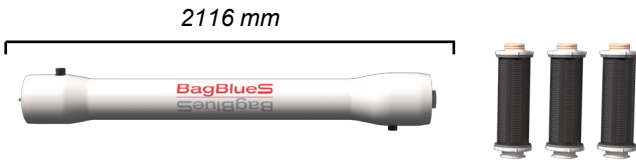


# Basket filters BagBlueS

BagBlueS basket filters are produced in two different length:



**BagBlueS 2x20"**  
Contains 2 baskets of 20"  
Flow rate up to 36 m<sup>3</sup>/h



**BagBlueS 3x20"**  
Contains 3 baskets of 20"  
Flow rate up to 54 m<sup>3</sup>/h

BagBlueS containers are made in 4 versions:

- With PVC caps (standard)  
Operating pressure 10 bar - PED
- With AISI 316 caps  
Operating pressure of 20 bar - ASME X / ASME X STAMP
- With Duplex stainless steel caps SAF 2205  
Operating pressure of 20 bar - ASME X / ASME X STAMP
- With Super Duplex stainless steel caps SAF 2507  
Operating pressure of 20 bar - ASME X / ASME X STAMP

BagBlueS basket filters guarantee:



## High flow

Products with heights (2x20" e 3x20"), diameters (8"- 200mm) and connections (3"- DN80) such as to ensure flow rates from 36 m<sup>3</sup>/h to 54 m<sup>3</sup>/h



## High pressure resistance

Possibility to operate up to 10 bar (20 bar on request)



## Absolute corrosion resistance

Made with plastics (heads) and fiberglass (body) of absolute quality



Water inlet cap to filter



End cap

# Why choose BagBlueS: structure

BagBlueS basket filters consist of 3 basic parts:

## 1 FILTER BASKET

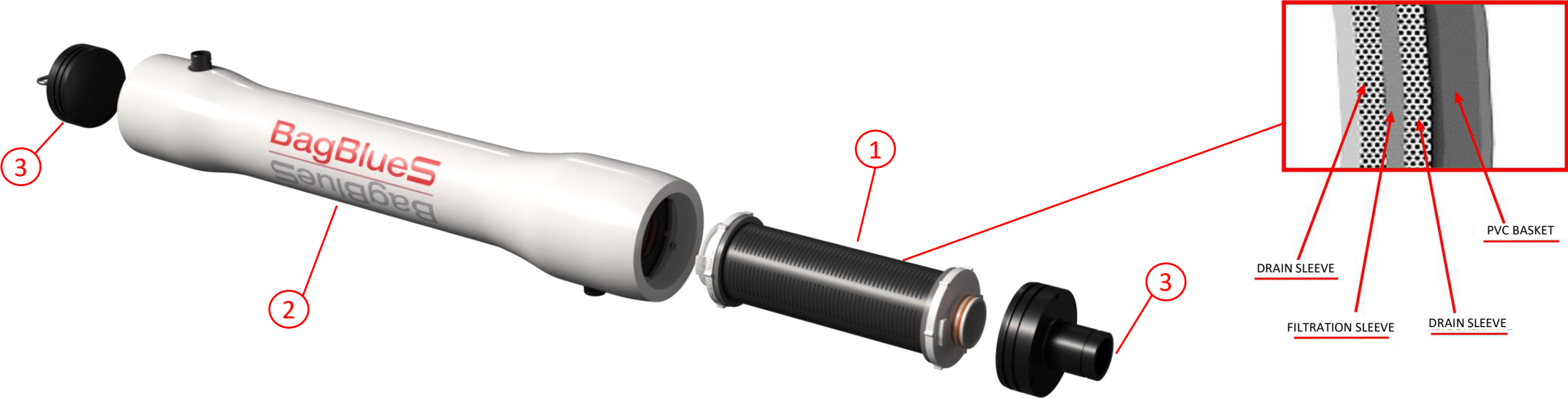
The filter basket is the “operational” part of the filter, it is made entirely of plastic material (PVC) inside which there are two polypropylene drainage nets and a polyester filter net; this allows you to make the most of the entire filter surface of the basket.  
The filter basket retains particles in the water ranging in size from 50 µm to 3000 µm with a high efficiency rate of 85%.

## 2 FILTER BODY

Made of fiberglass (FRP) is perfectly compatible with all types of water. The filter body, together with the filter stoppers, contains the filter element (basket). The filter body ensures perfect pressure tightness (up to 10 bar).

## 3 FILTER CAPS

Made of polyvinyl chloride (PVC-U) they are perfectly compatible with all types of water. The filter closures, together with the filter body, contain the filter element.



## Why choose BagBlueS: operating

- 1 The water to be filtered enters through the inlet of the BagBlueS then finish inside the filter basket, thanks to the special shape of the outlet cap.



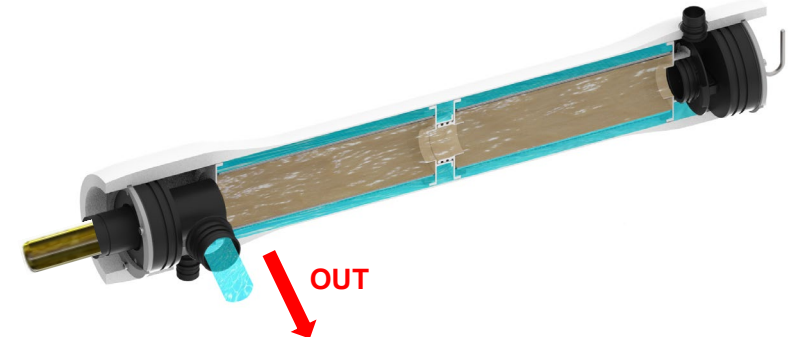
- 2 The water is distributed as shown, uniformly over the entire inner surface of the filter basket, ensuring a constant filtration efficiency over time.



- 3 The water then crosses from the inside out the filter basket that in this way I will retain the foreign particles and the usual suspended.

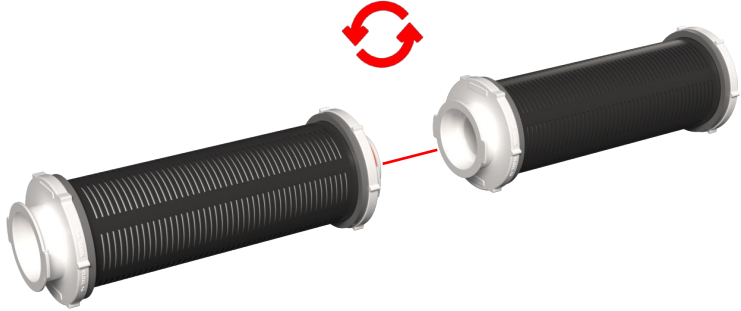


- 4 Once the water has finished its path inside the BagBlueS housing and its filter baskets, it is free to flow through the fully purified and filtered outlet cap.



## Why choose BagBlueS: easy of maintenance

- A** Insert the baskets one on the other, then rotate clockwise until the end of the ride:



- B** Insert the handle into the basket block, then rotate clockwise until the end of stroke:



- C** Once the basket block has been assembled with the appropriate handle, it can be inserted into the BagBlueS container:



- D** Finally, insert the stopper into the BagBlueS container body. Lock the closing cap with the 3 tightening rings and fix them with the respective screws. The filtered water outlet cap always remains fixed on the container:



*The extraction of the baskets from the BagBlueS container is carried out in reverse with respect to the insertion. The insertion and extraction of the baskets is very simple and takes only a couple of minutes.*

# Why choose BagBlueS

## Uniqueness

BagBlueS basket filters are absolutely **unique** products because:

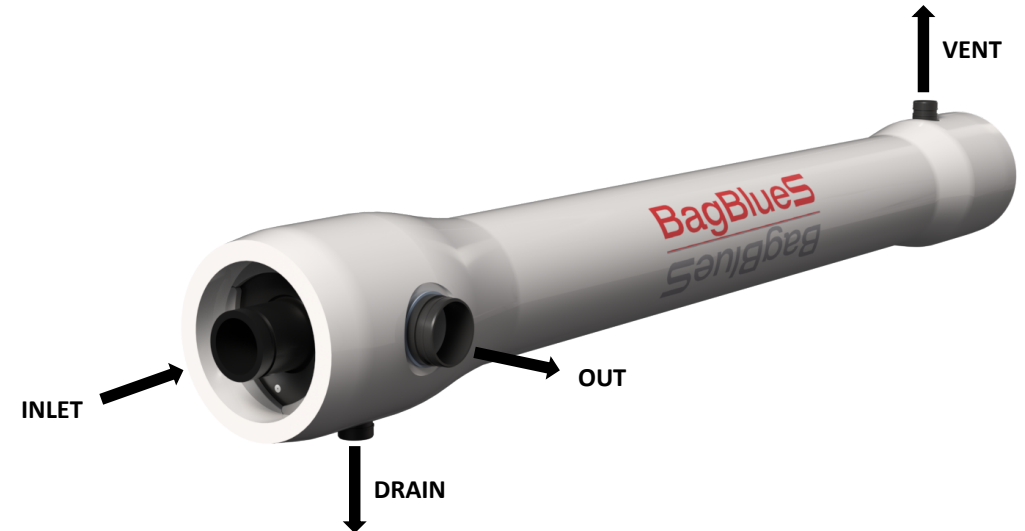
- They are the synthesis of the best technologies currently available on the market
- They are produced in 2 different lengths that can be easily assembled in batteries with special mounting kits (frame + collectors)
- They are designed to accommodate a multi-layer filter basket that allows optimal filtration



## Simplicity

BagBlueS basket filters are absolutely easy to use:

- One operator opens and closes the BagBlueS container manually and in a few minutes.
- The BagBlueS filter baskets are quickly inserted and removed by quickly attaching to each other thanks to the bayonet attachment.
- They have 4 different configurations obtained by rotating the body and inverting the positions of the caps.



# Why choose BagBlueS: modularity

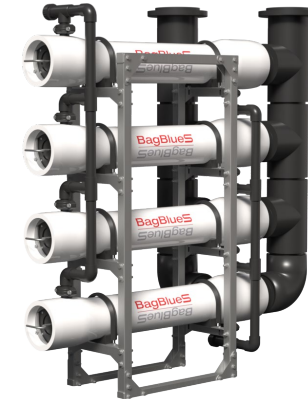
BagBlueS basket filters can be easily and quickly mounted in **modular** filtration batteries suitable to meet all flow rates at reduced costs.



**BagBlueS**  
FBL-S-2-2RS  
Flow rate up to 72 m<sup>3</sup>/h



**BagBlueS**  
FBL-S-2-3RS  
Flow rate up to 108 m<sup>3</sup>/h



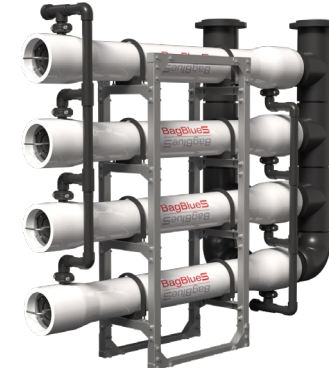
**BagBlueS**  
FBL-S-2-4RS  
Flow rate up to 144 m<sup>3</sup>/h



**BagBlueS**  
FBL-S-3-2RS  
Flow rate up to 108 m<sup>3</sup>/h



**BagBlueS**  
FBL-S-3-3RS  
Flow rate up to 162 m<sup>3</sup>/h



**BagBlueS**  
FBL-S-3-4RS  
Flow rate up to 216 m<sup>3</sup>/h

## Maggiori informazioni



*Data Sheet*  
BagBlueS



*Video*  
BagBlueS



*Technical Courses*



# Contatti



Everblue

Via Alberto Zanrè, 16 - Loc. Gotra 43051 Albareto (PR)

[www.everblue.it](http://www.everblue.it)

+39 0525-1920100

[info@everblue.it](mailto:info@everblue.it)

