

BagBlack S




Basket Filters

Model: BagBlack FBK-S

Basket filters BagBlackS

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

BagBlackS 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.

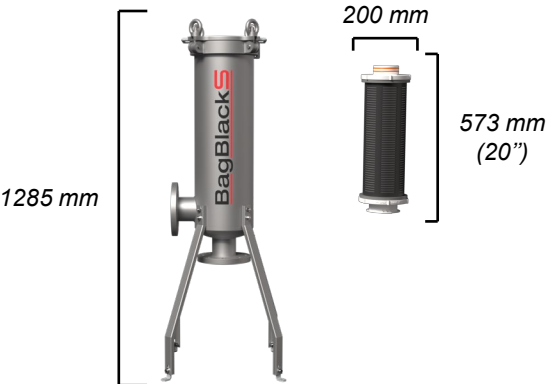
Their undisputed uniqueness, thanks to the use of certified raw materials of high quality, always guarantees better performance than any possible alternative.



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

Basket filters BagBlackS

BagBlackS basket filters are produced in two different heights:




BagBlackS 1x20"
Contains 1 basket of 20"
Flow rate up to 18 m³/h



BagBlackS 2x20"
Contains 2 baskets of 20"
Flow rate up to 36 m³/h

BagBlackS basket filters guarantee:


High flow
Products with heights (1x20" e 2x20"), diameters (8"- 200mm) and connections (3"- DN80) such as to ensure flow rates from 18 m³/h to 36 m³/h


High pressure resistance
Possibility to operate up to 10 bar


Absolute corrosion resistance
Guarantee of long life thanks to the treatment of micropallinatura

Why choose BagBlackS: structure

BagBlackS 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%.

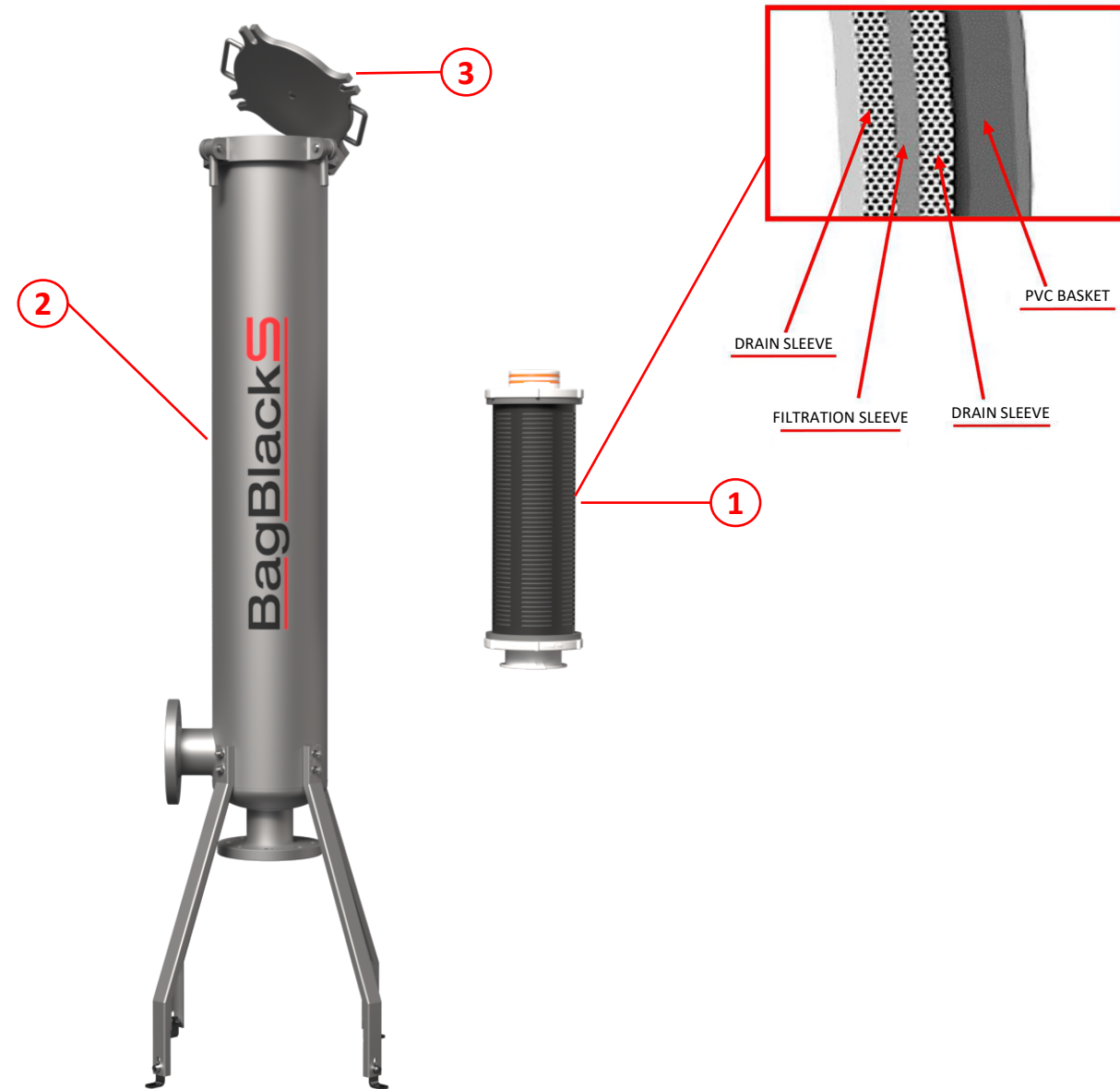
2 FILTER BODY

Made of AISI 316L steel and treated by passivation, pickling and micropalling processes, it can work with brackish waters having salinity below 5000 ppm of TDS (Total Dissolved Solids).

The filter body is made in such a way as to make possible the installation both vertical and horizontal, without the need to use particular brackets, but allowing the fixing through the connections (IN and OUT). Strength and solidity, moreover, allow it to work at a maximum pressure of 10 bar.

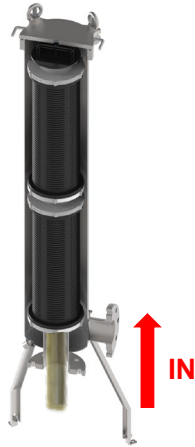
3 FILTER CAPS

Made of the same AISI 316L steel as the filter body, treated by passivation, pickling and micro-lining processes, it can work with brackish water with a salinity below 5000 ppm TDS (Total Dissolved Solids).



Why choose BagBlackS: operating

- ① The water to be filtered enters through the inlet of the **BagBlackS** 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.

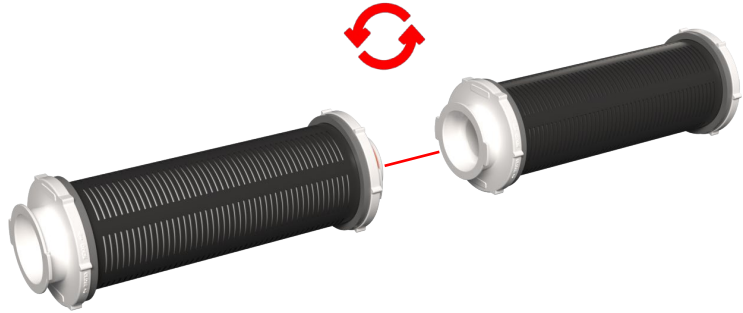


- ④ Once the water has finished its path inside the **BagBlackS** housing and its filter baskets, it is free to flow through the fully purified and filtered outlet cap.



Why choose BagBlackS: easy of maintenance

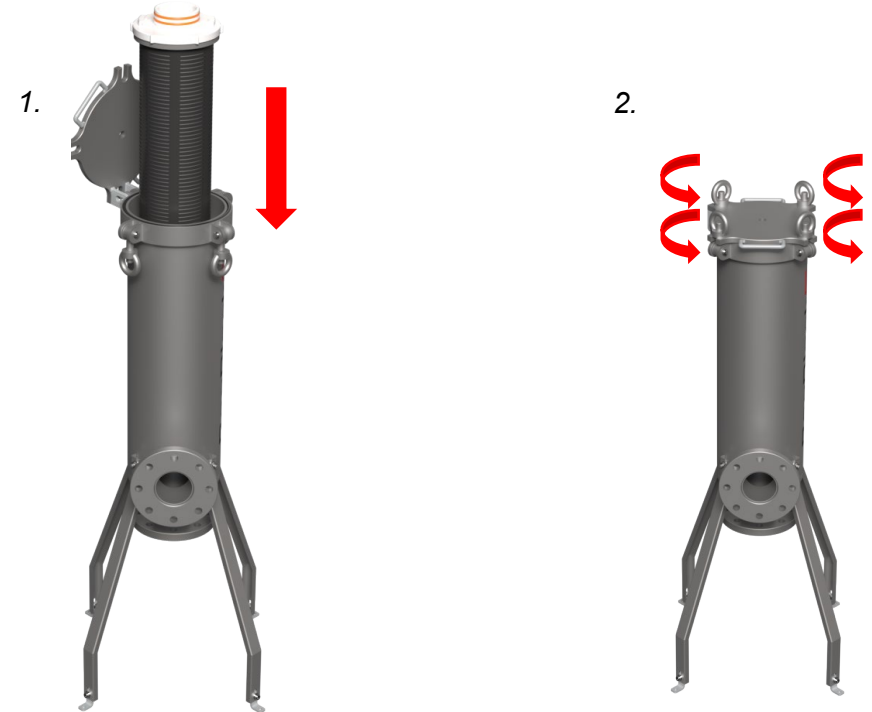
- A** Insert the baskets one on the other, then rotate clockwise until the end of the ride:



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



- C** Insert the basket block, complete with handle, into the **BagBlackS** container body (1). Next, close the head of the container and screw the eyes clockwise until the end of the course (2):



*The extraction of the baskets from the **BagBlackS** 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 BagBlackS

Uniqueness

BagBlackS 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

BagBlackS basket filters are absolutely easy to use:

- One operator opens and closes the **BagBlackS** container manually and in a few minutes.
- The **BagBlackS** filter baskets are quickly inserted and removed by quickly attaching to each other thanks to the bayonet attachment.



Why choose BagBlackS: modularity

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



BagBlackS
FBK-S-2RS
Flow rate up to 72 m³/h



BagBlackS
FBK-S-3RS
Flow rate up to 108 m³/h



BagBlackS
FBK-S-4RS
Flow rate up to 144 m³/h

More Info



Data Sheet
BagBlackS



Video
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Technical Courses



Contatti



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