






SpeedBlue

Cyclone Filters
Models: SPO – S01

Cyclone Filters SpeedBlue

SpeedBlue cyclone filters is a system that allows the purification of water from particles thanks to the centrifugal force. It's used as a primary treatment for the partial reduction of the elements inside water.

SpeedBlue cyclone filters ensure:

-  high performance
-  no maintenance
-  optimize filtration processes

SpeedBlue cyclone filters are studied, tested and manufactured by Everblue. The filtration process of these filters is really a separation process. Water under pressure enter the filter from the side. As the internal part of the filter is cylindrical, water undergoes a spiral motion and becomes faster because of the acceleration cone inside it. With this vortex, the particles that have higher inertia compared to water will tend to hit against the external walls of the cylinder and to fall on the bottom of the system, where a plate prevents the particles from returning up. The clean water inside the vortex will exit passing through the internal acceleration cone.

SpeedBlue cyclone filters remove all suspended inorganic solids with high specific rate in the surface waters (sea, rivers, lakes), well waters and waste waters. **SpeedBlue** cyclone filters guarantee efficiency higher than 90% in the removal of particles larger than 70 microns and specific gravity greater than 2.6 kg / dm³. For water with elevated quantities of suspended solids, cyclone filters represent a valid pre-treatment for sand filters and self-cleaning filters as they allow to reduce the number of regenerations and reduce water and energy consumption.



Cyclone filters in PVC: SpeedBlue SPO



Material	PVC
In/Out	1" BSP M – 1" ½ BSP M – 2" BSP M
Min working pressure	1 bar
Max working pressure	6 bar
Test pressure	9 bar
Max working temperature	40 °C
Max particles size at inlet	5 mm
Applications	Prefiltration for water treatment plants, Process water, Heat exchangers, Irrigation, Aquaculture, Protection of spray nozzles, Water, Sea Water.

Cyclone filters in stainless steel AISI 316: SpeedBlue S01



Material	Stainless Steel 316L
In/Out	1" BSP M – 1" ½ BSP M – 2" BSP M – 3" BSP M – ¾" BSP M
Min working pressure	1 bar
Max working pressure	10 bar
Test pressure	15 bar
Max working temperature	60 °C
Max particles size at inlet	5 mm
Applications	Process water, Heat exchangers, Irrigation, Aquaculture, Protection of spray nozzles, Water.

More info



DataSheet
SpeedBlue S01



DataSheet
SpeedBlue SP0



Video
SpeedBlue

Contact Us



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