

Saleplas

concept

**MAXIMUM
EFFICIENCY
IN SEPARATION**

PARTICLE SEPARATOR

SF  System

The innovative design of the Saleplas' Particle Separators enables the separation of mixtures of water and solids, such as sand and slime, with a high efficiency. Its design exerts a rotational speed and centrifugal force in the water that makes possible the separation of the solids. Moreover, the design of its base prevents the separated particles coming back to the water flow.

Thank to this, the Particle Separators are an excellent complement to the Filtration Systems, since they remove large amounts of solids before filtration, reducing the cleaning frequency of the filters and prolonging the life of their components.

The Saleplas' SP particle separators are made in PE-100 HDPE and have been designed in a modular format with a variety of types and sizes of 1", 1 ½" and 2" in order to meet the requirements of a wide range of flows.



Saleplas



FILTRATION SYSTEMS
INNOVATION FOR THE WATER ENGINEERING

*The earth,
our best investment*



A NEW FILTRATION CONCEPT


SF System
Separation+**Filtration**



Saleplas

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R+D IMPLEMENTED, INNOVATION IN FILTRATION

SF  System = **Separation + Filtration** all in one

Our filtration systems are manufactured with high density polyethylene PE-100 PN16 manifolds, which provides a total resistance against rust as well as a low-friction coefficient among many other advantages
They are almost totally made from technical plastics, being that way, resistant to chemical agents and with a design which allows to get the maximum water saving and cleaning efficiency.

A New Filtration Concept



ADVANTAGES:

SF System is a sum of advantages:

Safety and effectiveness in particles retention

Bigger filtration surface

Modular system and reduced room

Lesser weight and easy handling

SF manifolds have withstood internal pressures of 42 bar in tests carried out by the Energetic and Fluid-mechanic Engineering Department of the E.T.S.I. (Engineering Superior Technical School) of Polytechnique University of Madrid.



AUTOMATIC CLEANING FILTRATION EQUIPMENTS

First, we separate the solids, and then we filter the remaining particles, all in one, in order to get almost a 100% cleaning efficiency. Re-use of waste water for agricultural and industrial applications requires the choice of filtration equipments with better technical characteristics, long-lasting and with a more efficient and environmentally-friendly cleaning of filters.

SF  System
Separation+Filtration
all in one



100%
efficiency

CHARACTERISTICS AND ADVANTAGES:

- **Filtering element:** grooved discs manufactured with very high uniformity.
- **Bigger filtration surface:** very important to delay saturation.
- **Cleaning simplicity:** separating discs and flushing water streams with helicoidal effect.
- **Low frequency of cleanings:** due to the cyclone effect, moving away particles from discs.
- **The particle separator extends the life of filters and automatism.**
- **Very simple automatism** for the handling of any user.
- **Greater removal of particles and lesser saturation in discs & screen filters.**
- **Automatic filters sizes:** 2", 3" and 4" double.
- **Compact equipments production** with particle separator and disc filters.



particle separators + filters Automatic cleaning filtration equipment

Separation+Filtration
all in one

**MINIMUM
MAINTENANCE**



Automatic cleaning filtration equipment

particle
separators



Automatic cleaning filtration equipment

air system

MANUAL CLEANING FILTRATION EQUIPMENTS

We also produce manual cleaning filtration equipments for those customers who require them. We can supply spare parts and custom-made pieces as well.

