

Centrifugal Filter

Centrifugal filtration equipment separates particles of different densities by gravity & centrifugal force principles. The [centrifugal filter](#) has outstanding performance for large particles filtration. The centrifugal filter is made of PP material to resistant corrosion, acid, rust and alkaline, which greatly extends its lifetime. Easily dismantled sand collector at the bottom is convenient for maintenance and cleaning.

As centrifuge filtration systems for large particles, it can achieve excellent filter ring performance working with disc filter or screen filter.



❖ Working Procedure of Centrifugal Filter

Remove solid particles heavier than water. The water enters the centrifugal filter body tangentially from the water inlet pipe, and the rotation generates centrifugal force, which pushes the sediment and solid particles with higher density to flow along the wall of the pipe, forming a swirling flow, so that the sand and stones enter the sand collection tank, and the water with particles flowing downstream along the water outlet, and the separation of water and sand is completed.



SUZHOU SEAPEAK CO., LTD.

The centrifugal filter is applied in Irrigation of various crops such as vegetables, fruit trees, greenhouses, flowers, tea gardens, green spaces and fields, saving water, saving energy, improving plant quality, maintaining ecological balance.

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As a filter for large particles, it can achieve excellent filter ring performance working with disc filter or screen filter. The centrifugal filter is applied in agricultural irrigation, municipal garden irrigation and industrial water cycle filtration.