

Centrifugal Filter

Abbreviation-CF

Materials-Steel/Plastic



Product Details

product description

It is mainly used for primary filtration of sandy water flow, and can separate sand and stones in water. This kind of filter is installed next to the well and pumping station, and is most suitable for separating a large amount of sand and stones contained in the water. Under the requirements of the filtering conditions, the sand separation effect: 60-150 mesh sand and stone 98-92%. It is generally not used alone, but only as the front filter of the filter system.

Filtration principle: The filter is based on the working principle of gravity and centrifugal force to remove solid particles heavier than water. Water enters the centrifugal body tangentially from the inlet pipe, and the rotation generates centrifugal force, which pushes the sand and other solid particles with higher density to move to the pipe wall, forming a swirling flow, prompting sand and stones to enter the sand collecting tank, and clear water flows in and out. The nozzle completes the separation of water and sand.

Features

Metal/high-strength plastic housing, stainless steel filter screen, long service life

Product application

The product is widely used in drip irrigation and sprinkler irrigation when the water source contains a lot of sand. It can effectively filter out the sand and gravel in the water and prevent the dripper or nozzle from being blocked.

Filter use and maintenance instructions

1. Check whether the pressure gauge is working properly
2. Clean the sand and gravel in the sand storage tank in time, and the filter should be cleaned regularly
3. When winter comes, drain the water in the filter in time to prevent rust
4. Regularly do anti-rust treatment on the surface of the filter



Products Technical Date				
Products	Picture	Size	Description	Flow rate(M3/H)
CF1000		2" (63)	Centrifugal Filter with one mesh set	30
CF1010		2.5" (75)	Centrifugal Filter with one mesh set	30
CF1020		3" (90)	Centrifugal Filter with one mesh set	50
CF1030		3" B	Centrifugal Filter with two mesh set	50
CF1040		4" (110)	Centrifugal Filter with two mesh set	80
CF1050		4" (110)	Centrifugal Filter with three mesh	80
CF1060		5" (125)	Centrifugal Filter with three mesh	120
CF1070		6" (160)	Centrifugal Filter with three mesh	160
CF1080		6.5"(200)	Centrifugal Filter with four mesh set	flow required
CF2000		2"	Centrifugal Filter PP material	30
CF2010		3"	Centrifugal Filter PP material	50
CF2020		4"	Centrifugal Filter PP material	100
CF3000		2"	Centrifugal Filter Metal material	30
CF3010		3"	Centrifugal Filter Metal material	50
CF3020		4"	Centrifugal Filter Metal material	80
CF3030		5"	Centrifugal Filter Metal material	120
CF3040		6"	Centrifugal Filter Metal material	160
CF3050		6.5"	Centrifugal Filter Metal material	flow required