

## CYCLONE SEPARATOR FILTER



### *Type of Treatment:*

Coarse particles in the water, and sand filtration to reduce the burden of keeping the other stages of filtration.

### *Uses of Sector:*

With sand-fixing, especially cooling towers, agricultural irrigation, drilling lines, and pre-filtration is an effective and reliable method is needed in all areas.

### *Properties:*

- Keeps all particles from to 70 microns
- Filtration is from 1 m<sup>3</sup> /hr. to 5000 m<sup>3</sup> /hr
- System is working to clean
- Does not require backwash
- Does not require maintenance
- There is no part will change
- Untouched cleaning with automatic purge valve system
- Extremely easy assembly

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### TECHNICAL INFORMATION

<b>Capacity (m3/h)</b>	1m3/h-5000 m3/h
<b>Inlet/Outlet Dimensions</b>	1/2" (DN15) – 24" (DN600) , with PN16 DIN 2576 Flange Connection or BSP Threaded
<b>Discharge</b>	1/2" (DN15) – 3" (DN80) , with PN16 DIN 2576 Flange Connection or BSP Threaded
<b>Filtration Degrees</b>	70 microns
<b>Min.Working Pressure</b>	1 bar (15 psi) lower pressures can be produced according to the needs.
<b>Max.Working Pressure</b>	10 bar (45 psi) higher pressures can be produced according to the needs.
<b>Pressure Drop</b>	Max. 1 bar (15 psi)
<b>Max.Working Temperature</b>	80°C-100°C
<b>Material of Construction</b>	Carbon Steel with Epoxy Coated, AISI304 and AISI 316 Stainless Steel

### ACCESSORIES

<b>Discharge Valve</b>	Electrical Actuator Valve, Pneumatic Actuator Valve, Pinch Valve 24V or 220V
<b>Electrical Control Panel</b>	380 V , Three-Phase , 50 Hz with Digital Timer Control (if you have another electrical specification, can be make new design)

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### *Working Preensible;*

*Dirty water, as a tangential cyclone separator filter through the inlet pipe connection is part of the system. Possession of all the particles in the system due to centrifugal force of water entering the filter goes down the inner side walls of the thrown correctly. The edges of the diaphragm plate to prevent the escape of water through the Cyrillic to the particle concentration in the chamber is collected at the bottom. Here, the particle traps to prevent pass through and manually or electrically operated valve on the top side discharge with the help provided.*

*Electrical actuatörlü valve 24 V or 220 V and max.10W power is consumed.*

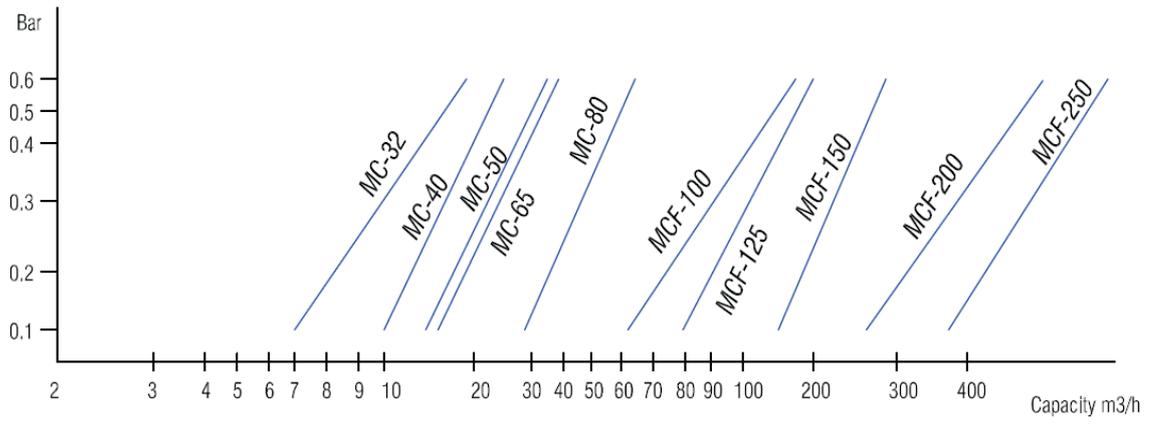
*For this product we do not require backwashing, the system works when it is provided for cleaning, maintenance and repair required.*

*Filter system, digital timer (timer), along with the pollution load of the water flow volume automatically depending on an increase or decrease in work-provided. In addition, how long the system will run through the system timers, how much time would discharge his perception of the system are provided.*

*System max.10W health is making electricity in an electrical power max. savings are provided.*

*Thus, the system will check continuously without the need for a personnel system itself, depending on how long the system will work and the water level changes are done to protect yourself*

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*CAPACITY & PRESSURE TABLE*



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