



- Fully automatic water filters
- Self cleaning is triggered by differential pressure or timer
- Rotating nozzles vacuum the screen during backwash
- Made of corrosion resistant materials
- Stainless steel permanent screen

Applications:

- ◆ Well water systems
- ◆ Drinking water pre-filtration
- ◆ Greenhouses & Nurseries
- ◆ Irrigation systems

Advantages:

- Easy to install. Compact and lightweight
- No tools required for maintenance
- 10 Second backwash process, triggered a DP switch or an adjustable Timer
- Uses only 2 gallons (7 liters) of water for backwash



Technical specifications:

Maximum Pressure	80 psi	5.5 bar
Maximum Temperature	140° F	60° C
Min. Backwash Pressure	30 psi*	2.0 bar*
Min. Backwash Flow	20 gpm	4.5 m ³ /h
Backwash Volume	2 gallons	7 liters

Models:

1"	MTFC-10-A-XXX
2"	MTFC-20-A-XXX

XXX - Micron

Filtration grade available:

Micron	25	50	100	150	200	500
Mesh	600	300	150	100	75	30

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Materials:

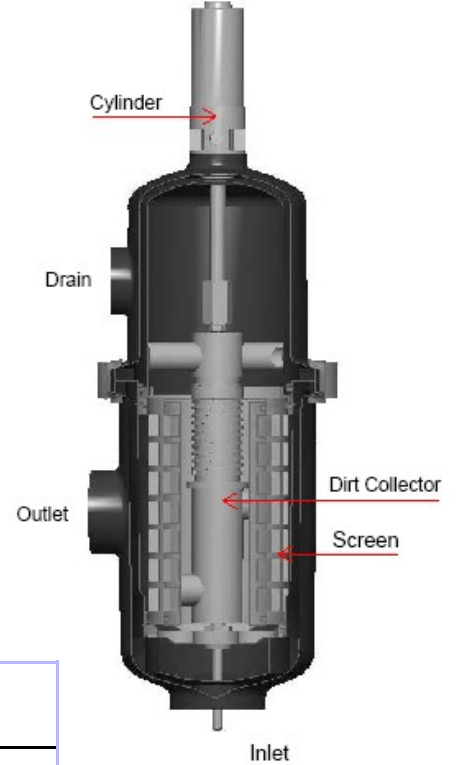
Housing: Nylon
 Collector: Polypropylene
 Filter element : Stainless steel 304SS

Filter operation:

When filter is dirty, outlet valve is closed and drain valve opens, allowing the dirt collector to vacuum the solids from the screen while rotating and moving up slowly.

Recommended maximum flow:

Micron	Water Quality	1" GPM / M ³ /H	2" GPM / M ³ /H
	Good	44 / 10	88 / 20
100 - 500	Average	35 / 8	66 / 15
	Poor	16 / 4	35 / 8
	Good	25 / 6	44 / 10
50	Average	18 / 4	30 / 7
	Poor	10 / 2	14 / 3
	Good	22 / 5	35 / 8
25	Average	14 / 3	22 / 5
	Poor	5 / 1	9 / 2



Dimensions:

End connections (NPT, BSP)	A In (mm)	B In (mm)	C In (mm)
1"	19.3 (490)	5.7 (145)	12 (300)
2"	21.6 (550)	7.1 (180)	12 (300)

