



- 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
- ◆ Cooling systems
- ◆ Greenhouses & Nurseries

**Advantages:**

- ◆ Easy to install. Compact and lightweight
- ◆ No tools required for maintenance
- ◆ 10 Second backwash process, triggered a differential pressure switch or an adjustable Timer
- ◆ Uses 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 <sup>3</sup> /h
Backwash Volume	2 gallons	7 liters

**Models:**

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

XXX - Micron

**Filtration grade available:**

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

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**Materials:**

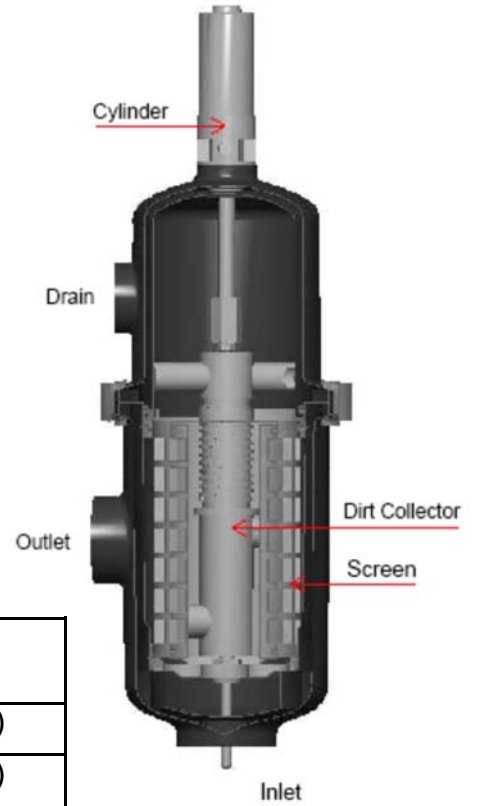
Housing: Nylon  
 Collector: Polypropylene  
 Filter element: Stainless steel 304SS

**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 moving up slowly.

**Recommended flow:**

Micron	Water Quality	1" GPM / M <sup>3</sup> /H	2" GPM / M <sup>3</sup> /H
	Good	33 / 8	46 / 11
100	Average	25 / 6	35 / 8
	Poor	16 / 4	22 / 5
	Good	25 / 6	35 / 8
50	Average	13 / 3	18 / 4
	Poor	10 / 2	14 / 3
	Good	10 / 2	14 / 3
25	Average	7 / 1.5	10 / 2
	Poor	5 / 1	7 / 1.5



**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)

