

MINITWIST

AUTOMATIC SELF-CLEANING WATER FILTERS

- Fully automatic water filters
- Self cleaning is triggered by 110V/220V adjustable Timer
- Rotating nozzles vacuum the screen without flow interruption
- Made of corrosion resistant materials
- Stainless steel permanent screen

Applications:

- ◆ Well water systems
- ◆ Drinking water pre-filtration
- ◆ Greenhouse & Nursery

Advantages:

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

Technical specifications:

| | | |
|------------------------|-----------|-----------------------|
| Maximum Pressure | 100 psi | 7 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-AT-D-XXX |
| 2" | MTFC-20-AT-D-XXX |

XXX - Micron

Filtration grade available:

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



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Distributed by:

Materials:

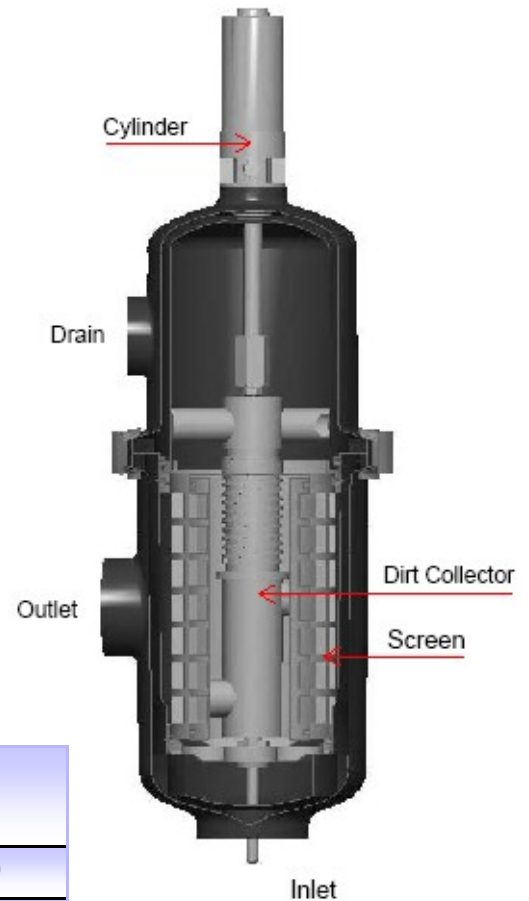
Housing: Nylon
 Collector: Polypropylene
 Filter element and trim: Stainless steel 304SS

Filter operation:

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

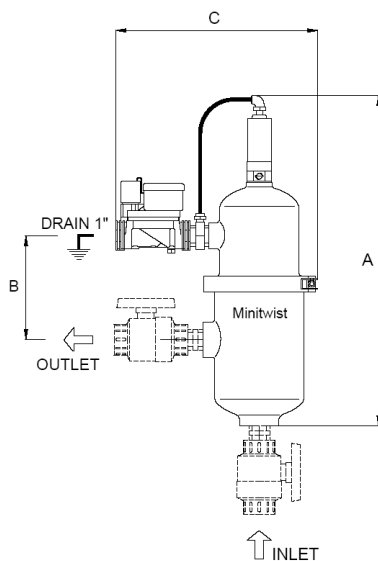
Recommended maximum flow:

| Micron | Water Quality | 1" GPM / M ³ /H | 2" GPM / M ³ /H |
|--------|---------------|----------------------------|----------------------------|
| | Good | 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) |



Well Water Application

