



**Max-Flow Purification Systems**

***Max-Flow***



**MaxFlow Cartridge Housing**

**End Connection Models**



**Side Connection Model**

## Design Features

Max-Flow FRP housings are designed for a variety of industry applications. We mainly offer side entry models, also especially for customer designed models for the detail application.

## Advantages

- Easy installation and maintenance
- FRP housing designed for corrosion avoidance
- High chemical resistance
- Designed for compact use and small footprint
- Modular Design

Model	Connection	Max Pressure	Filter Length
MF-80-150S-20	Side Port	150 Psi	20" (Other Length Available)
MF-80-150S-40	Side Port	150 Psi	40" (Other Length Available)
MF-80-150S-60	Side Port	150 Psi	60" (Other Length Available)
MF-80-150E-20	End Port	150 Psi	20" (Other Length Available)
MF-80-150E-40	End Port	150 Psi	40" (Other Length Available)
MF-80-150E-60	End Port	150 Psi	60" (Other Length Available)

## MaxFlow System



MaxFlow system is designed for filtration system technologies. We respond to market needs and requirements by paying attention to critical applications, cartridge filter care and protection. It offers high quality, while offering lower capital investment and operating costs in a small footprint. Our innovative proprietary design allows for easy and fast maintenance for minimum downtime that ensure your systems run continuously.

### Competitive Investment

MaxFlow systems utilize performance engineered FRP housings designed for corrosion avoidance that potentially reduce your capital start-up costs over typical steel vessels by up to 50%.

### Low Maintenance Costs

Advance pleated filter media design deliver efficiency and performance. The extended surface of the media provides longer element life, which means fewer change outs. Reduced filter usage results in minimized disposal, operator exposure and down-time.

### Ease of Use

We've eliminated the need for heavy equipment, such as cranes to open vessel doors or remove cumbersome baskets. Access to the filtration elements requires virtually no tools.

- Easy-to-remove, tool-less retaining ring
- Convenient handle on the cover plate
- Ergonomic handle on the element for easy entry and exit
- Guided tabs for quick element access and precision alignment

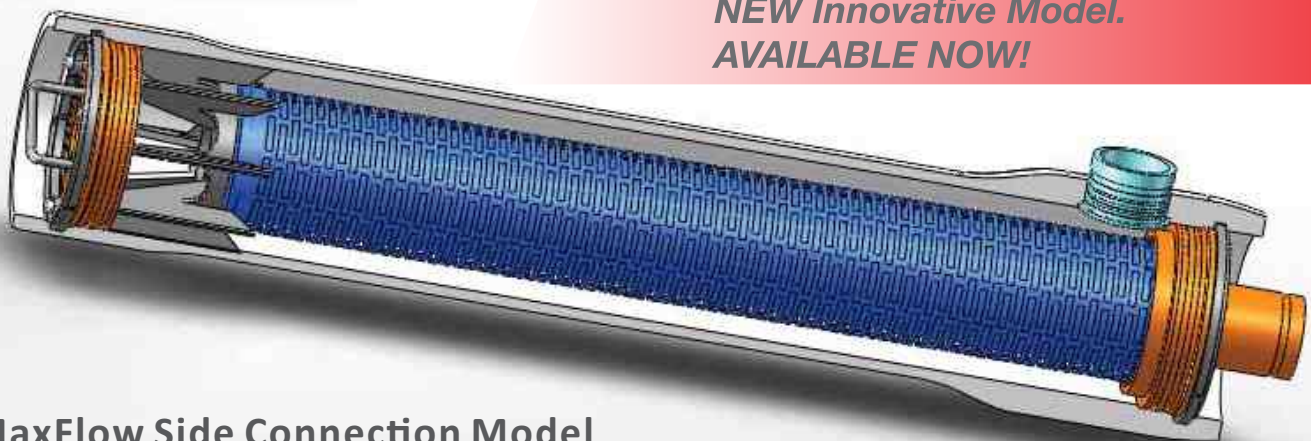
### Compact Design

Offers reduced system footprint, up to 50% smaller than competitively sized housings.

### Applications

- Pretreatment
- RO Prefiltration
- Seawater desalination
- Condensate water filtration
- Hot water recovery in power generation
- API, Solvents, and water filtration in Biopharm market
- Bottled water filtration
- High fructose, edible oil, soft drinks and milk
- Paints and coatings
- Petrochemical and Refineries
- Microelectronics, Film, Fiber and resin

**NEW Innovative Model.  
AVAILABLE NOW!**



**MaxFlow Side Connection Model**



# MaxFlow Cartridge Filters

## Make the Right Choice

Understanding your water application and the importance of using healthy, chemical free water is the first step towards healthier living. Finding the right water filtration systems for your application is the next step.



**Food & Agriculture**



**Biotech & Pharmaceutical**



**Industrial**



**Chemical & Petrochemical**

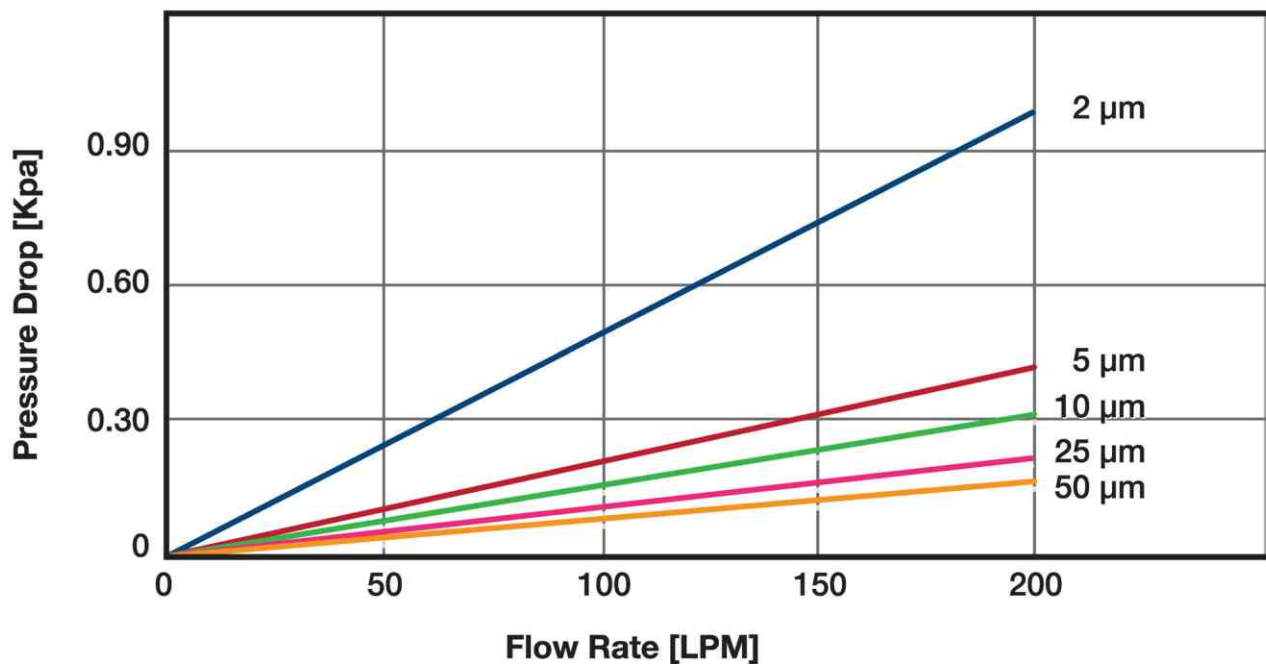
## The MaxFlow Cartridge Filter Advantage

Designed to provide optimum filtration while significantly reducing operating costs and offering overall energy and cost savings.

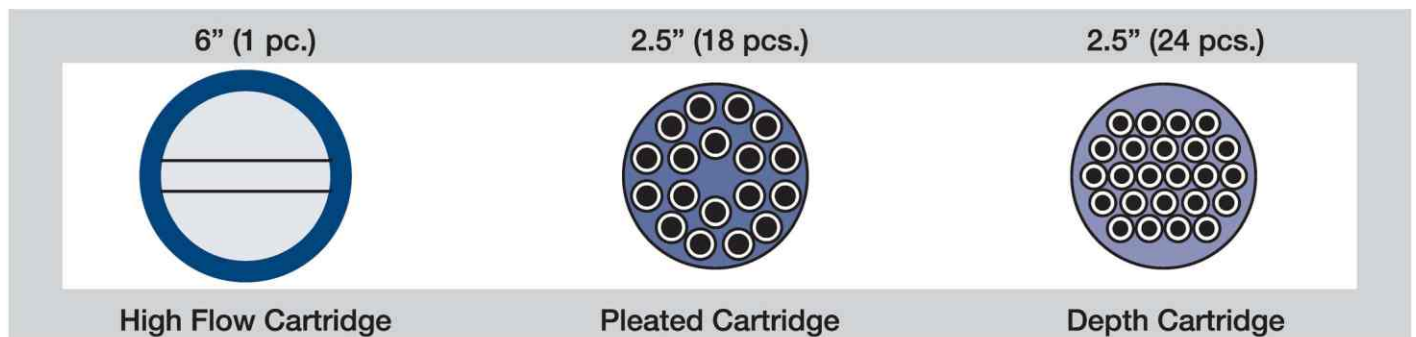
- Increased energy savings
- Significantly lower installation costs
- Lower operating costs
- High loading capacity
- Ease of Installation and Maintenance
- Longer life span

## Data & Performance Specifications

Pressure Drop vs. Flowrate@ 20°C



High Flow cartridge filter



Model : Example: MFHF-40-PP-05-E

Cartridge Filter	Length	Media Type	Removal Rating	O-Ring
MFHF-MaxFlow High Flow Filter	20-20"(508mm)	PP-Pleated	01 – 1 µm	E – EPDM
	40-40"(1016mm)	GF-Pleated	05 – 5 µm	N - NBR
	60-60"(1524mm)		10 – 10 µm	
			20 – 20 µm	
			50 – 50 µm	
			100 – 100 µm	



**megafilter**  
FILTROS E SISTEMAS DE FILTRAGEM

[www.megafilter.com.br](http://www.megafilter.com.br)

[megafilter@megafilter.com.br](mailto:megafilter@megafilter.com.br)

Telefone: 41 3081-3050



ISO & ISO 9000 are trademarks of ISO (International Organization for Standardization). All rights reserved.