MAXX-FLOW

Housing-Specific Hybrid Elements - 6.75″ OD

Borosilicate Microglass or Polypropylene Microfiber

► 6.75″ OD HOUSING

MAXX-Flow filters are engineered for critical high purity applications by optimizing throughput while maintaining absolute rated performance that is both predictable and repeatable. Our polypropylene filter media is constructed on the latest continuous microfiber blowing equipment, which accurately controls fiber diameter and web design.

This state-of-the-art equipment utilizes online monitoring equipment, delivering the industry's most uniform and consistent media, resulting in unparalleled product consistency. Our microglass filter elements feature a media structure with high surface area and increased void volume, as well as optimized pore size geometry.

Precision blowing of fine denier fibers results in a highly uniform matrix that optimizes element flow rate and service life. This advanced fine fiber technology outperforms all competing microfiber technologies.

This hybrid filter easily works with most standard 6.75″ outside diameter housing.

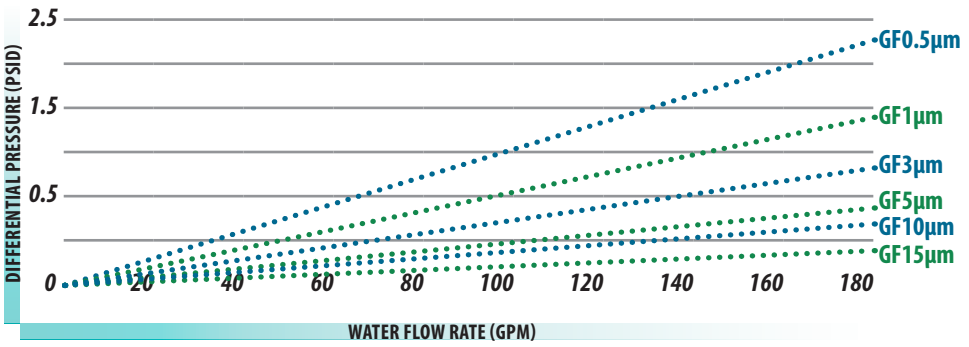
- ► LARGE DIAMETER PLEAT CONFIGURATION FOR HIGH FLOW RATES
- ► HIGH DIRT HOLDING CAPABILITY DUE TO EXTENSIVE SURFACE AREA
- ► 99% RATED FILTER MEDIA FOR CONSISTENT AND REPEATABLE PERFORMANCE
- ► THERMALLY BONDED CONSTRUCTION
- ► CAPABLE OF FLOW RATES UP TO 500GPM PER FILTER
- ► INJECTION MOLDED CAGE FOR SUPERIOR STRENGTH AND ELEMENT INTEGRITY
- ► INSIDE-OUT FILTER RETAINS ALL CONTAMINANTS INSIDE THE FILTER DURING CHANGE-OUTS

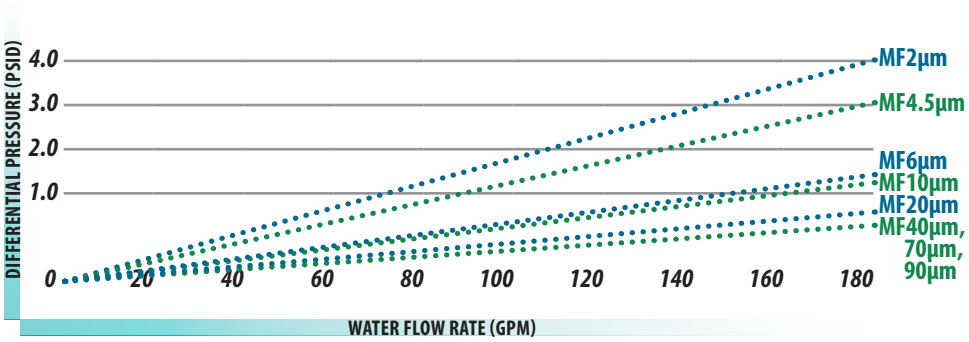
ORDER GUIDE

MF	→	6	→	MF	→	2	→	V	→	1	→	APH	→	MF6MF2V1APH
FILTER MEDIA		MICRON RATING				ELEMENT LENGTH		O-RING MATERIAL		ELEMENT GRADE		ELEMENT OPTIONS		

MICRON RATING			
MF - 2, 4.5, 6, 10, 20, 40, 70, 90 GF - 2, 6, 10, 20, 30			
MAXIMUM OPERATING TEMPERATURE		**MAXIMUM DIFFERENTIAL PRESSURE**	
180°F (82°C) Continuous Duty		35 PSID @ 70°F (21°C)	
MAXIMUM FLOW RATES		**RECOMMENDED CHANGE-OUT**	
20" - 175 gpm | 40" - 350 gpm | 60" - 500 gpm		25 psid	
FILTER MEDIA	**END CAPS**	**SUPPORT MATERIAL**	**MOLDED CAGE**
Borosilicate Microglass Polypropylene Microfiber	Polypropylene Polyester	Polypropylene Polyester	Polypropylene Polyester
O-RINGS			
Buna N | Fluorocarbon | EPDM | Silicone | FEP Encapsulated Silicone			
CONSTRUCTION METHOD			
Thermal Bond			
NOMINAL TOP OUTSIDE DIAMETER			
6.75" (17.1 cm)			
LENGTHS			
20" (50.8 cm) | 40" (101.6 cm) | P1 - 12" (30.5 cm) | P2 - 26" (66.3 cm)			

PERFORMANCE CHARACTERISTICS 40" FILTER





ORDER OPTIONS

FILTER MEDIA	
MF	Polypropylene Microfiber
GF	Borosilicate Microglass

MICRON RATINGS
MF: 2, 4.5, 6, 10, 20, 40, 70, 90 GF: 2, 6, 10, 20, 30

ELEMENT	
MF	MAXX-Flow

ELEMENT LENGTH	
2	20" (50.8 cm)
4	40" (101.6 cm)
P1	12" (30.5 cm)
P2	26" (66.3 cm)

O-RING MATERIAL	
S	Silicone (Standard O-ring)
B	Buna N (Standard gasket)
V	Fluorocarbon
E	EPDM
TV	FEP Encapsulated Fluoro.

ELEMENT GRADE	
-	General
1	FDA Grade

ELEMENT OPTIONS	
APH	All Polyester Hardware