

Fiberglass Tank Media Filters

FRP-8
Series

Model No.		Flow Rates (GPM)			Tank Size	Media	Pipe Size (in.)		Shipping Weight (Lbs)
Automatic	Manual	Avg.	Max	Backwash	(D" x H")*	Cu. Ft	Service	Drain	

Multi Media Filters (Turbidity)

MMF21-A-F	MMF21-M-F	24	36	36	21" X 62"	6	1 1/2"	1 1/2"	775
MMF24-A-F	MMF24-M-F	32	47	47	24" X 72"	8	1 1/2"	1 1/2"	1,025
MMF30-A-F	MMF30-M-F	50	74	74	30" X 72"	12	1 1/2"	2"	1,575
MMF36-A-F	MMF36-M-F	71	106	106	36" X 72"	18	2"	2 1/2"	2,330
MMF42-A-F	MMF42-M-F	97	144	144	42" X 72"	24	2 1/2"	3"	3,850
MMF48-A-F	MMF48-M-F	126	188	188	48" X 72"	32	3"	3"	5,100
MMF63-A-F	MMF63-M-F	216	325	325	63" X 86"	54	4"	4"	7,800

AG Filters (Turbidity)

AGF21-A-F	AGF21-M-F	19	29	24	21" X 62"	6	1"	1"	530
AGF24-A-F	AGF24-M-F	25	38	32	24" X 72"	8	1 1/4"	1 1/4"	625
AGF30-A-F	AGF30-M-F	39	59	50	30" X 72"	12	1 1/2"	1 1/2"	960
AGF36-A-F	AGF36-M-F	57	85	71	36" X 72"	18	2"	2"	1,450
AGF42-A-F	AGF42-M-F	77	115	97	42" X 72"	24	2"	2"	1,975
AGF48-A-F	AGF48-M-F	101	151	126	48" X 72"	32	2 1/2"	2 1/2"	2,880
AGF63-A-F	AGF63-M-F	174	260	216	63" X 86"	54	3"	3"	5,300

Activated Carbon Filters (Color, Taste & Odor)

ACF21-A-F	ACF21-M-F	12	19	24	21" X 62"	6	1"	1"	550
ACF24-A-F	ACF24-M-F	16	25	32	24" X 72"	8	1"	1 1/4"	650
ACF30-A-F	ACF30-M-F	25	39	50	30" X 72"	12	1 1/2"	1 1/2"	1,000
ACF36-A-F	ACF36-M-F	36	57	71	36" X 72"	18	1 1/2"	2"	1,500
ACF42-A-F	ACF42-M-F	48	77	97	42" X 72"	24	2"	2"	2,050
ACF48-A-F	ACF48-M-F	63	100	126	48" X 72"	32	2"	2 1/2"	3,000
ACF63-A-F	ACF63-M-F	109	174	216	63" X 86"	54	2 1/2"	3"	5,500

Manganese Greensand Filters (Iron & Manganese)**

MGF21-A-F	MGF21-M-F	12	19	24	21" X 62"	6	1"	1"	850
MGF24-A-F	MGF24-M-F	16	25	32	24" X 72"	8	1"	1 1/4"	1,150
MGF30-A-F	MGF30-M-F	25	39	50	30" X 72"	12	1 1/2"	1 1/2"	1,750
MGF36-A-F	MGF36-M-F	36	57	71	36" X 72"	18	1 1/2"	2	2,600
MGF42-A-F	MGF42-M-F	48	77	97	42" X 72"	24	2"	2"	4,200
MGF48-A-F	MGF48-M-F	63	100	126	48" X 72"	32	2"	2 1/2"	5,600
MGF63-A-F	MGF63-M-F	109	174	216	63" X 86"	54	2 1/2"	3"	8,500

*H: Straight Height

**Note: KMnO₄ Feed System Not Included

Operating Pressure: 2-10 Bar (30-150 psi)
Operating Temperature: 5-50 C F



BAUER INTERNATIONAL CORPORATION
WATER AND WASTEWATER TREATMENT SYSTEMS

Fiberglass Tank Media Filters

BIC
FRP-8

INTRODUCTION

Bauer FRP-8 series water filters remove suspended materials, odors and taste in various water treatment application. Individual units are specifically designed for particular applications and operating environments. The series features 100% corrosion resistant high performance composite and fiberglass tanks. The inner shell of filters are both temperature and chemical resistant.

HOW TO CHOOSE A FILTER

Several factors must be considered in choosing and sizing a filter in order to achieve satisfactory results:

- Maximum Required Flow Rate
- Nature of the Suspended Matter (Colloidal or Non-Colloidal)
- Average Chemical Characteristics of Raw Water
- Required Quality of Treated Water
- Availability of an Adequate Supply of Water for Backwash

FILTERING MINERALS

The availability of a broad range of Bauer filtering media makes it possible to select a filter ideally suited for a specific filtration requirement. Different types of minerals can be used alone or combined together for optimum

FRP-8



Wall Mounted
Stager Controller

STANDARD FEATURES

FEATURES FOR AUTOMATIC MODELS

- 1" - 3" Plastic Diaphragm Valves, Stager Operated
- Time Controller for Backwash Cycle
- NEMA 1 Enclosure
- Electrical Supply: 115V/1 Ph/60Hz
- Air Supply not included

FEATURES FOR MANUAL MODELS

- 1" - 2 1/2" Schedule 80 PVC Ball Valves
- 3" - 4" Cast Iron Butterfly Valves with Nylon Coated Disc

FEATURES FOR BOTH MODELS

- FRP tank @ 150 psi Pressure Rating
- Polyethylene Internal Lining
- Top Mineral Loading Port
- Schedule 80 PVC Face Piping

AVAILABLE OPTIONS

OPTIONS FOR AUTOMATIC MODELS

- Differential Pressure Initiation for Backwash
- Duplex / Multiplex Systems
- Butterfly Valves Air or Electrical Motor Operated
- Electrical Supply: 220V/1 Ph/50 Hz
- NEMA 4 or NEMA 4X Enclosures

OPTIONS FOR BOTH MODELS

- Polypropylene, PVDF and Many Other Materials for Internal Lining
- Tanks According to ASME Code
- Inlet / Outlet 316 SS Pressure Gauges
- Inlet / Outlet Monel Pressure Gauges
- Inlet / Outlet Sample Valves
- Automatic Air Release Valve
- Manual Air Vent Valve
- Vacuum Breaker
- Flanged Piping Connection
- Differential Pressure Gauge
- Custom Designed Units



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