



Graver's Flex Media Filters have proven their ability to meet any water filtration problem efficiently and economically in a wide range of commercial and industrial plants.

GravFlex Filters are available in any convenient size, and with valve arrangements and control options to meet any customer or special requirements.

The most flexible of our product lines, with a simple change of media, downstream equipment is protected from suspended solids or iron fouling.

Standard Design Features

- Filtration Media: Anthracite/Filter Sand/Fine Garnet/Quartz Gravel
- Vessel:
 - Internal Finish: Blast SP5, NSF Epoxy Lining 10-16 MILS DFT
 - External Finish: Blast SP6, Tnemec N69F - Safety Blue
 - ASME Designed and Commercially Rated 100psig/120°F
 - Side and Top Manways (Handways 24"-36" Diameter)
 - Structural Steel Leg with Pads, Lifting Lugs, Strap Legs (24"-36" Diameter)
- Distribution:
 - Splash Plate Upper Distributor
 - Hub and Radial Lower Collector (24"-36" Diameter)
 - Header Lateral Lower Collector (42"-120" Diameter)
- Valves:
 - Resilient Seat Butterfly Valves with Pneumatic Actuators, EPDM Seats, SST Disc/Stem
 - Backwash Flow Control - Limit Open Stops
- Instruments: Inlet/Outlet Pressure Gauges
- Controls: 110V/60Hz/1PH Local Solenoid Enclosure, NEMA 4

Optional Design Features

- Ratings: ASME Code, Seismic Anchoring, ASME B31.1 Face Pipe, NEMA 4X, CRN
- Process: Separate Source Backwash, Air Scour
- Internals: 316 SS Upper and Lower Distribution Systems
- Pipe: 316 SS Face Pipe (Standard on 96"-120" Diameter)
- Media: Greensand Plus, Dual Media (Anthracite/Filter Sand), Single Media (Filter Sand)
- Valves: ASME Pressure Relief (Thermal), Limit Switches, Auto Backwash Flow Orifice Available 24"-72" Diameter
- Instruments: Bi-directional MAG Meter, Differential Pressure Transmitter, Turbidity Meter
- Controls: PLC, HMI, NEMA 4X, UL, cUL

Typical Applications:

- **Clarifier Effluent Polishing**
- **Reverse Osmosis Pretreatment**
- **Cooling Tower Sidestream Filtration**
- **TSS Reduction**

SPECIFICATIONS

Model No.	Flow Rates (GPM)				Nominal Solids Load (#)	Vessel Size (in)	Media Volume (cu.ft)	Media Volume (cu.ft.)		Pipe Size (in)		Face Pipe & Internals
	Service			BW				Media	Gravel	Service	Waste	
	Min.	Typ.	Max.									
MM-24x60S	9	16	31	47	1.6	24" X 60"	11.5	7.9	3.6	2	2	PVC or 316 SS
MM-30x60S	15	25	49	74	2.5	30" X 60"	18.4	12.3	6.1	2	2	PVC or 316 SS
MM-36x60S	21	35	71	106	3.5	36" X 60"	27.1	17.7	9.4	2	2	PVC or 316 SS
MM-42x60S	29	48	96	144	4.8	42" X 60"	38	24	14	3	3	PVC or 316 SS
MM-48x60S	38	63	126	189	6.3	48" X 60"	50	31	19	3	3	PVC or 316 SS
MM-54x60S	48	80	159	239	8.0	54" X 60"	65	40	25	3	3	PVC or 316 SS
MM-60x60S	59	98	196	295	9.8	60" X 60"	82	49	33	4	4	PVC or 316 SS
MM-66x60S	71	119	238	356	11.9	66" X 60"	101	59	42	4	4	PVC or 316 SS
MM-72x60S	85	141	283	424	14.1	72" X 60"	122	71	52	4	4	PVC or 316 SS
MM-78x60S	100	166	332	498	16.6	78" X 60"	146	83	63	6	6	PVC or 316 SS
MM-84x60S	115	192	385	577	19.2	84" X 60"	173	96	77	6	6	PVC or 316 SS
MM-90x60S	133	221	442	663	22.1	90" X 60"	203	110	92	6	6	PVC or 316 SS
MM-96x60S	151	251	503	754	25.1	96" X 60"	235	126	109	6	6	316 SS
MM-108x60S	191	318	636	954	31.8	108" X 60"	307	159	148	6	6	316 SS
MM-120x60S	236	393	786	1178	39.3	120" X 60"	393	196	196	6	6	316 SS

Notes: Solids loading nominally rated for 0.5 lbs TSS per square foot

Contact Us

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