

# APPLIED® FILTERS

## MULTI-MEDIA FILTERS FOR SEDIMENT REMOVAL

### About Multi-Media Filtration:

These filters contain several types of media and gravel under-bedding. Multi-media filtration is a proven design concept; the coarse media layers in the top of the tank trap large particles, and successively smaller particles are trapped in the finer layers of media deeper in the bed. The result is a highly efficient filtering since removal takes place throughout the entire bed. Multi-Media depth filters typically remove particles 5-15 microns in size or larger. All media included in our filters are carefully selected according to particle size, so the media retains its stratification during backwash and rinse. Automatic backwashing system removes the trapped contaminants within the filter bed and washes them down the drain.

### Multi-Media Sediment Filters

Model No.*	Volume of Media (Cu.Ft.)	Flow Rate** (GPM)		Backwash Flow**(GPM)	Fleck Valve Head	Tank Size (Dia"xH")	In/Out Conn. (In.)
		5gpm/ft. <sup>2</sup>	15gpm/ft. <sup>2</sup>				
<b>W-MB744</b>	0.4	1	4	4	5600	7 x 44	¾
<b>W-MB844</b>	0.5	2	5	5	5600	8 x 44	¾
<b>W-MB940</b>	0.7	2	6	6	5600	9 x 40	¾
<b>W-MB1040</b>	1.0	2	7	7	5600	10 x 40	¾
<b>W-MB1054</b>	1.4	2	7	7	5600	10 x 54	¾
<b>W-MB1252</b>	1.9	4	12	12	2510	12 x 52	1
<b>W-MB1354</b>	2.4	4	14	14	2510	13 x 54	1
<b>W-MB1465</b>	3.0	5	16	16	2510	14 x 65	1
<b>W-MB1665</b>	4.0	7	21	21	2510	16 x 65	1
<b>W-MB2162</b>	8.0	13	36	36	2850	21 x 62	1.5
<b>W-MB2472</b>	10.0	15	47	47	2850	24 x 72	1.5
<b>W-MB3072</b>	15.0	24	74	74	3150	30 x 72	2
<b>W-MB3672</b>	22.0	35	106	106	3150	36 x 72	2
<b>W-MB4272</b>	28.0	48	144	144	3900	42 x 72	3
<b>W-MB4872</b>	40.0	60	188	188	3900	48 x 72	3

### Notes:

- \* Please add the appropriate voltage code to the end of the model no. when ordering. 110v/60Hz = 116, 220v/60Hz = 216, 220v/50Hz = 215 Example: W-MB744-116
- \*\* 5 gpm per sq. ft. of media is the best design condition for filtration. For relatively clean water, you may go up to design criteria of 15 gpm per sq. ft. Backwash flow rate based on 25 psi pressure drop.
- \*\*\* Stainless Steel Jacket available for 9-16" Diameter. To order add "-J" to the end of the part number.

### Specifications

- 100 lb. FRP Vessel
- All Systems Automatic
- Fleck or Equal Control Valve



System Shown with Optional Skid Mounting and Control Panel



With SS Jacket\*\*\*



With No Jacket

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