



## Automatic Multimedia Filters

### FLECK® Control Valve

The Multimedia Filters will automatically remove the dirt and sediment from an incoming water supply. The special filter media will remove particles as small as 10 microns in size.

Multimedia filters automatically clean themselves by washing the dirt and sediment to the drain during its backwash cycle. Consists of a fiberglass mineral tank, PVC internal distributor, automatic control valve, gravel, and bags of media.

### System Features

- Uses Fleck 2750, 2850 or 3150 control valves for automatic backwashing
- Saves cost of cartridge replacements
- Fiberglass mineral tank, blue
- Uses high quality special filter media to filter down to 10 microns
- Various sizes available
- Commercial & Industrial Water Systems
- Food & Beverage Industry

### System Specifications

- Designed with Top Mount 1.5" Inlet/Outlet Fleck control valves.
- All control valves are equipped with standard 7-day timers and dry contacts for interlock capability.
- Add approximately 18" to height of tank to include control valve dimensions.
- Drain pipe size is 3/4 or 1" NPT.
- Water flows from left-to-right when viewing timer.



FLECK 2850

FLECK 2750



FLECK 3150

### Control Valve Features

- Fully adjustable, controller delivers controlled upflow backwash service.
- Time-tested hydraulically balanced piston, seal and spacer design to pilot service flow and backwash.
- Solid, lead-free brass valve body for superior strength and durability.
- Backwash capacity handles tanks up to 30" diameter.
- 1-1/2" top mount control valve ideal for commercial/industrial applications.
- 7-day timer.
- Available in either 110V or 24V/60Hz.

# Technical Data

## Multimedia Filters - FLECK® 110V/60 Hz Specifications

Part Number	Control Valve	Inlet/Outlet Size (inches)	Drain Size (inches)	Service Flow (GPM)	BKW Rate (GPM)	Filter Material (ft³)	Tank (inches)	Ship Weight (lbs)
3026313	2750	1 NPT	3/4 NPT	9.4	12	2.0	12 x 52	222
3026314	2850	1-1/2 NPT	1 NPT	13	15	3.0	14 x 65	369
3026315	2850	1-1/2 NPT	1 NPT	17	20	4.0	16 x 65	499
3026316	2850	1-1/2 NPT	1 NPT	21	25	5.0	18 x 65	610
3026317	3150	2 NPT	1 NPT	26	30	6.0	21 x 65	716
3026318	3150	2 NPT	1 NPT	30	40	8.0	24 x 65	850
3026319	3150	2NPT	1 NPT	38	45	10.0	24 x 72	1,270

## Multimedia Filters - FLECK® 24V/60 Hz Specifications

Part Number	Control Valve	Inlet/Outlet Size (inches)	Drain Size (inches)	Service Flow (GPM)	BKW Rate (GPM)	Filter Material (ft³)	Tank (inches)	Ship Weight (lbs)
3026304	2750	1 NPT	3/4 NPT	9.4	12	2.0	12 x 52	222
3026305	2850	1-1/2 NPT	1 NPT	13	15	3.0	14 x 65	369
3026306	2850	1-1/2 NPT	1 NPT	17	20	4.0	16 x 65	499
3026307	2850	1-1/2 NPT	1 NPT	21	25	5.0	18 x 65	610
3026308	3150	2 NPT	1 NPT	26	30	6.0	21 x 65	716
3026309	3150	2 NPT	1 NPT	30	40	8.0	24 x 65	850
3026310	3150	2NPT	1 NPT	38	45	10.0	24 x 72	1,270

Note: All weights and dimensions are approximate.

## Installation Considerations

- For proper serviceability, it is recommended that there be 18" of space around the entire system. A minimum of 12" is required. The tanks should be installed on a firm, level surface.
- The inlet piping should be sized large enough to provide the required water flow for both service flow and backwashing of the tanks with minimum amount of pressure loss.
- A drain with suitable capability for the backwash flow rate of the tanks is required.
- Isolation valves, pressure gauges and sample ports should be installed on each assembly.

## For More Information

Visit [www.mcpur.com](http://www.mcpur.com) for more information or call **1-800-633-3080**.

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