

Automatic Sediment Filters

FLECK® Control Valve

The Sediment Filter Systems will automatically remove the dirt and sediment from an incoming water supply. The Filter-Ag mineral will remove particles as small as 20 microns in size without the need of costly cartridge replacements.

Sediment 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 Filter-Ag.

System Features

- Uses Fleck 2850 control valve for automatic backwashing
- Saves cost of cartridge replacements
- Fiberglass mineral tank, blue
- Uses high quality Filter-Ag
- 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 1" FNPT.
- Water flows from left-to-right when viewing timer.



FLECK 2850

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

Sediment 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 (ft ³)	Tank (inches)	Ship Weight (lbs)
3026362	2850	1-1/2 NPT	1 NPT	10	12	4.0	16 x 65	300
3026363	2850	1-1/2 NPT	1 NPT	17	20	6.0	21 x 72	450
3026364	2850	1-1/2 NPT	1 NPT	22	30	10.0	24 x 71	600

Sediment 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 (ft ³)	Tank (inches)	Ship Weight (lbs)
3026356	2850	1-1/2 NPT	1 NPT	10	12	4.0	16 x 65	300
3026357	2850	1-1/2 NPT	1 NPT	17	20	6.0	21 x 72	450
3026358	2850	1-1/2 NPT	1 NPT	22	30	10.0	24 x 71	600

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 for more information or call 1-800-633-3080.

Fleck® is a registered trademark of Pentair, Inc.



Mar Cor Purification
4450 Township Line Road
Skipack, PA 19474-1429
Tel: (484) 991-0220
Toll Free: (800) 346-0365
Fax: (484) 991-0230

Mar Cor Purification
14550 28th Avenue North
Plymouth, MN 55447
Tel: (484) 991-0220
Toll Free: (800) 633-3080
Fax: (763) 210-3868

Mar Cor Purification
3250 Harvester Road - Unit 6
Burlington, ON L7N 3W9
Tel: (905) 639-7025
Toll Free: (800) 268-5035
Fax: (905) 639-0425

Mar Cor Purification
Sourethweg 11
6422 PC Heerlen
The Netherlands
Tel: (+31) 45 5471 471
Fax: (+31) 45 5429 695

Mar Cor Purification
1A International
Business Park, #05-01
Singapore 609933
Tel: (+65) 6227 9698
Fax: (+65) 6225 6848