

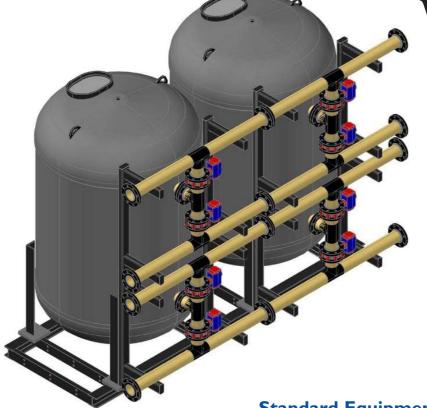
Media Filteration Systems





Sustainable Water Solutions





Overview

Multi-Media Filters

High efficiency, in-depth filter system using a lay ered media bed of anthracite, silica sand, and two grades of sand for excellent filtration down to the order of 5 - 10 micron.

Iron Removal Filters

Filter system capable of reducing iron, marga nese, and hydrogen sulfide using manganese greensand filter media.

Activated Crbon Filters

Granular Activated Carbon is designed for the reduction of chlorine, taste, odor, and dissolved organic material from municipal and industrial water supplies.

Materials of Construction

- Media Tanks: Carbon steel /FRP with Safety Blue exterior paint
- Tank Lining: Epoxy painted
- Exterior Piping: Carbon steel or UPVC
- Internal Distributors: Sch 80 PVC/ABS
- Control Valves: UPVC/Steel

Standard Equipment / Features

- Electronic system controller
- Timer initiated backwash cycle
- Water activated diaphragm style control valves
- NEMA-4X electrical enclosures
- Inlet/Outlet pressure gauges and sampling valves
- Factory Hydro-tested at 100 psig

Operating Parameters

- Inlet Pressure: 30-100 psig
- Electrical: 220 VAC, 1-Ph, 50/60Hz
- Temperature: 5-43 °C

Options Available

- Skid mounted, pre-piped, pre-wired systems
- Differential pressure switch backwash cycle
- Multiple tank parallel configurations
- ASME code stamped resin tanks
- PLC systems
- PVC or CPVC exterior face-piping (PVC standard for filters with 6" service)
- Stainless steel internal distributor piping
- Butterfly control valves (motorised standard for filters with 6" service)
- Air-scour backwash system
- Steam / hot water sanitizable carbon filters
- Alternate filter media (Birm, Filter-AG, Calcite)

Multimedia Filter Specifications								
	FLOW RATES		PIPE SIZE				OVERALL	SHIPPING
MODEL NO	SERVICE GPM	BACK WASH	SERVICE	DRAIN	MEDIA	TANK SIZE	DIMENSIONS (INCHES) V	WEIGHT (LBS) W
		GPM	INCHES	INCHES	CU. FT.	INCHES	SINGLE (LxWxH)	SINGLE
W-20	20	35	1.5	1.5	5	20x54	21x30x72	1,200
W-30	30	45	1.5	2	8	24x54	25x34x73	1,500
W-50	50	75	2	2.5	12	30x54	31x40x76	2,200
W-70	70	105	2.5	3	18	36x60	37x48x84	2,900
W-100	100	145	2.5	4	24	42x60	43x54x88	3,700
W-125	125	190	3	4	32	48x60	49x62x95	5,100
W-160	160	240	3	4	40	54x60	55x70x97	6,300
W-200	200	300	3	6	50	60x60	61x76x103	8,100
W-240	240	360	4	6	60	66x60	67x82x105	11,000
W-285	285	425	4	6	70	72x60	73x88x107	14,300
W-385	385	580	6	6	95	84x60	85x104x102	19,600
W-500	500	750	6	6	125	96x60	96x122x110	25,200
W-640	640	950	8	8	160	108x60	109x134x112	31,500
W-800	800	1175	8	8	200	120x60	121x146x115	37,500





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Notes

- * At expected pressure loss not exceeding 5 psig, based on a clean filter bed.
- * Actual dimensions may vary based on job-site space limits and piping layout.
- * Allow a minimum of 24" above height dimension for resin loading. Use of ASME rated tanks may add up to 12" of tank height.
- * Consult factory for dimensions on skid mounted systems.

* Shipping weights are estimate only. Weights include resin and support gravel, which are added to the tanks after installation.