

Filter Media Comparison Chart

Media	LB/CF	SERVICE GPM per SF	DELTA P PSI	PK GPM PER SF	DELTA P PSI	BED DEPTH INCHES	BACKWASH RATE	USE	LIMITS
Activated Alumina	43	1 - 2	<1	2	<1	36+	8 - 10	Arsenic, Fluoride	pH
Anthracite	50	5	<1	5	<1	24 - 36	12- 18	Sediment	
Birm	40	3.5 - 5	<1	5	<1	30 - 36	10 - 12	Fe, Mn, H ₂ S	Dissolved Oxygen
Corosex	75	5 - 6	1.5	6	2	24 - 30	10 - 12	Neutralization	Hardness & alkalinity
Calcite	100	2 - 6	1	6	2	24 - 30	10 - 12	Neutralization	Alkalinity
Filter AG	25	5	2	8	3	24 - 36	8 - 10	Sediment	Chlorine
Garnet	140	10	<1	10	1.2	10+	25 - 32	Sediment	Large Particles
GAC Chlorine	25	3 - 5	<1	5	1	24 - 36	8 - 10	Chlorine	
GAC Organics	25	1 - 3	<1	3	<1	24 - 36	8 - 10	Organics VOC's	Flow Rate
KDF 55	171	15		30		10+	30	Chlorine, H, metals	TDS>150, BW gpm
KDF 85	171	15		15		10+	30	Fe, Mn, H ₂ S	TDS>150,BW gpm
Greensand	85	2 - 5	2	5	4	30 - 36	12 - 15	Fe, Mn, H ₂ S	Regenerant
MTM	39	3 - 5	<1	5	<1	24 - 36	8 - 10	Fe, Mn, H ₂ S	Regenerant
Multi-media	92	10	6	16	11	36	15	Sediment	
Pyrolox	125	5	<1	6	<1	24+	25 - 30	Fe, Mn, H ₂ S	Dissolved Oxygen BW gpm
Sand	100	3 - 5	<1	5	<1	18 - 30	15 - 20	Sediment	

*For 60 degrees F water. Warmer water requires small flow rate, colder requires a higher rate

Note: All flow rates are per square foot of filter surface area. Multiply all values given by the filter tank square foot value

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