

Pavati Water Filtration Products, LLC

Whole House Water Filters (Percent Contaminant Removal)

Category	Contaminate	Average Percent Reduction
Chemical Reduction Tank		
	Aesthetic Effects	
	Chlorine/Chloramines	99%
	Odor & Taste	99%
	Turbidity	< 1.0 NTU
	Organic Chemicals	
	Alachlor	98%
	Atrazine	95%
	Benzene	98%
	Carbofuran	99%
	Carbon tetrachloride	98%
	Chlorobenzene	97%
	Chloropicrin	98%
	2, 4-D	97%
	Dibromochloropropane (DBCP)	96%
	Dichlorobenzene	97%
	Dichloroethane	97%
	Dichloropropane	97%
	Dichloropropylene	97%
	Dinoseb	95%
	Endrin	98%
	Ethylbenzene	98%
	Ethylene Dibromide (EDB)	97%
	Haloacetonitriles (HAN)	96%
	Haloketones (HK)	96%
	Heptachlor	98%
	Lead	96%
	Lindane	99%
	Methoxychlor	98%
	Pentachlorophenol	98%
	Simazine	96%
	Styrene	96%
	Tetrachloroethane	99%
	Tribromoacetic acid	98%
	Trichlorobenzene	98%
	Trichloroethane	98%
	Trichlorethylene	98%
	Trihalomethanes	98%
	Zylenes	97%
	Inorganic Contaminants	
	Lead	98%
	Mercury	98%
	Barium	98%
	Cadmium	96%

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Ultraviolet Light Microbiological Filter (Percent Containment Removal)

Category	Contaminant	Percent Reduction
Fluoride Reduction Tank		
	Fluoride	86%
	Arsenic	86%
UV Microbiological Filter		
	Microorganisms - Bacteria	
	Agrobacterium tumefaciens	> 99.9%
	Bacillus anthracis	> 99.9%
	Bacillus megaterium	> 99.9%
	Bacillus subtilis	> 99.9%
	Clostridium tetani	> 99.9%
	Corynebacterium diptheriae	> 99.9%
	Escherichia coli	> 99.9%
	Legionella bozemanii	> 99.9%
	Legionella dumoffii	> 99.9%
	Legionella gormanii	> 99.9%
	Legionella micdadei	> 99.9%
	Legionella pneumophila	> 99.9%
	Leptospira interrogans	> 99.9%
	Mycobacterium tuberculosis	> 99.9%
	Proteus vulgaris	> 99.9%
	Pseudomonas aeruginosa	> 99.9%
	Rhodospirillum rubrum	> 99.9%
	Salmonella enteritidis	> 99.9%
	Salmonella paratyphi (enteric fever)	> 99.9%
	Salmonella typhimurium	> 99.9%
	Salmonella typhosa (typhoid fever)	> 99.9%
	Shigella dysenteriae (dysentery)	> 99.9%
	Shigella flexneri (dysentery)	> 99.9%
	Staphylococcus	> 99.9%
	Microorganism – viruses & cysts	
	Bacteriophage (E-coli)	> 99.9%
	Hepatitis virus	> 99.9%
	Influenza virus	> 99.9%
	Poliovirus	> 99.9%
	Rotavirus	> 99.9%
	Vibrio Cholera	> 99.9%
	Giardia	> 99.9%
	Cryptosporidium	> 99.9%

Note: Pharmaceuticals are very effectively reduced in both the Chemical Reduction tank and the Fluoride Reduction Tank via adsorption. Outside independent testing shows a reduction in excess of 90%.