

WATER FILTER SYSTEMS

Filtered water makes a difference you can see, feel and taste.



FILTRONX™
FILTRATION CONCEPTS



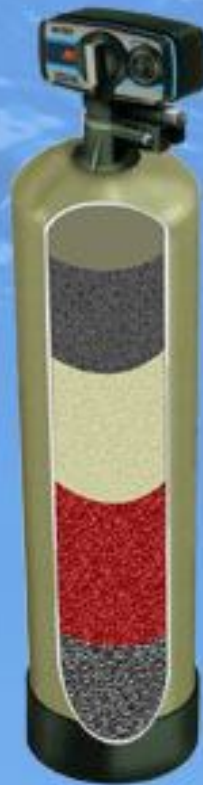
The Activated Carbon Process:

A.C. works by attracting and holding certain chemicals as water passes through it. A.C. is a highly porous material; therefore, it has an extremely high surface area for contaminant adsorption. The equivalent surface area of 1 pound of A.C. ranges from 60 to 150 acres.

Multi-Media Filtration Systems:

Multimedia filtration is a proven design concept; the coarse media layers in the top of the tank trap large particles, and smaller particles are successfully trapped in the finer layers of media deeper in the bed. The result is a highly efficient filtering process as removal takes place throughout the entire bed.

Multimedia filters typically remove particles 5 to 15 microns in size or larger as opposed to a conventional single media sand filter which removes 30 micron or higher. A backwashing filter valve helps wash contaminants from the medias regularly and extends system life.



Water contaminant reduced by activated carbon filtration:

Primary Drinking Water Standards

Contaminant	mg/L max
Organic Arsenic Complexes	0.05
Organic Chromium Complexes	0.05
Mercury (Hg ₂) Inorganic	0.05
Organic Mercury Complexes	0.002
Organic Contaminants - Benzene	0.005
Endrin	0.0002
Lindane	0.004
Methoxychlor	0.1
1,2-dichloroethane	0.005
1,1-dichloroethylene	0.007
1,1,1-trichloroethane	0.200
Total Trihalomethanes (TTHMs)	0.10
Toxaphene	0.005
Trichloroethylene	0.005
2,4-D	0.1
2,4,5-TP (Silvex)	0.01
Para-dichlorobenzene	0.075
Color	15 color units
Foaming Agents (MBAS)	0.5 mg/L
Odor	3 threshold odor number

Custom Medias

Media	Use
Anthracite	Sediment reduction
Gamet	Fine filtration
Calcite	pH control
Birm	Iron and manganese reduction
Gorosex	pH correction
Filter-AG	Suspended solid or iron removal
Sand	Sediment reduction
Activated Carbon	Chemical reduction
Catalytic Carbon	Chloramine reduction
KDF55	Chlorine and heavy metals reduction
KDF85	Chlorine, heavy metals & hydrogen sulfide reduction
Activated Alumina	Arsenic, fluoride & silica reduction
Pyrolox	Metals & hydrogen sulfide reduction
MTM	Metals & sulfides reduction high flow
M. Greensand	Hydrogen sulfide, iron & manganese



Filtration systems are highly efficient. They improve taste, odor, color, and feel of water. A variety of different filter medias exist to target an application's specific contaminants. Let us custom design a filter system to your water needs today.

Water makes up a significant part of the human body. Our health can be directly connected to water in many ways. City water quality can fluctuate. Filter systems offer additional security and peace of mind.

Save money by eliminating those trips to the water store. Stop lifting heavy bottles. Be more environmentally-friendly by creating less plastic waste.



A variety of control valves and system options available.