The Simple Process

Water filters use a variety of different media to reduce contaminants from water. As water passes over the media, the granules of that media trap large water contaminants and stop them from passing through with the water. The process is very similar to river water passing through rocks and emerging cleaner on the other side.

Many filter types use chemical processes to filter water, in addition to simple physical filtration. Modern filters use a media that will attract contaminants (using a process of positive and negative charges similar to magnets) and encourage these contaminants to break their bond with water.

Benefits

1. Water filters provide better tasting and better smelling drinking water by reducing chlorine and bacterial contaminants.

2. Point-of-use water filters can remove lead, bacteria, cysts, cryptosporidium, giardia and other harmful contaminants from drinking water, preventing these substances from entering the body.

3. The purchase of a water filter results in a source of clean, healthy water that costs much less than bottled water.

4. Many claim drinking filtered water greatly reduces the risk of disease by removing chlorine and chlorine byproducts from drinking water.

5. Carbon water filters can selectively remove dangerous contaminants from drinking water while retaining healthy mineral deposits that balance the pH of drinking water.

6. A water filter can provide convenient clean, healthy water for bathing, cooking, pets and plants, as well as drinking.

7. Drinking pure water is especially important for children. Water filters provide the healthiest water for childrens' developing immune systems.

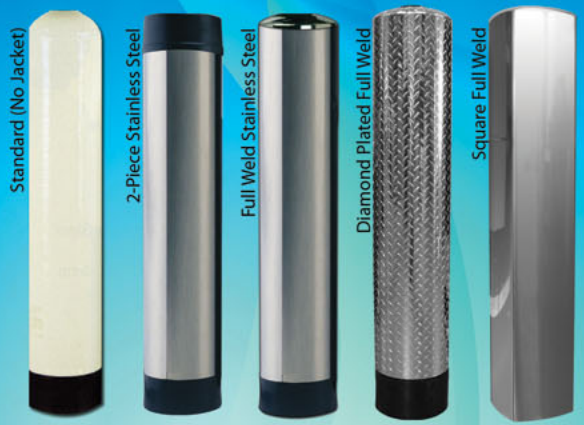
8. Water filters offer the last line of defense between the body and the over 2100 known toxins that may be present in drinking water.

Media Options

Have a specific contaminant you are looking to target? Let us build a custom solution to you specific water needs.

Media	Function
Anthracite	Sediment reduction
Multi-media	Multi-purpose
Garnet	Fine sediment filtration
Calcite	pH control
Birm®	Iron and manganese reduction
Corosex®	pH correction
Filter-AG®	Suspended solid or iron removal
SilicaSand	Sediment filtration
Granular Activated Carbon (GAC)	Chemical reduction, taste, odor
KDF55	Chlorine and heavy metals
KDF85	Iron, manganese and H_2SO_4 reduction
Activated Alumina	Arsenic, fluoride silica & humic acids
Pyrolox®	Manganese, iron and H_2SO_4 reduction
Manganese Greensand	Hydrogen sulfide, iron & manganese
Filox-R™	High flow MN, iron and H_2SO_4 reduction
Micro-Z Zeolite	High flow sediment filtration
Filtersorb SP3®	Antiscalent

Jacket Options



Water Filtration

Clean Water ∘ Clear Water ∘ Pure Water

Mineral Tank Systems

shown with SS jacket, U-turn In / Out and bypass

Alpha Series
Direct Flow Filter System

Classic In-Out Industry Workhorse

Features
- Simple design
- Non-corrosive, UV-resistant, valve body
- Various size/type end-connectors available
- No electricity, no drain, easy install

Build Options:
- Carbon (GAC)
- Multi-media
- Specialty

shown with full weld SS jacket

Fleck 5600
Mechanical Filter System

Effecient Backwashing Power Valve

Features
- Simple design
- Non-corrosive, UV-resistant, valve body
- Eco-friendly mechanical time-clock valve
- Various size/type end-connectors available
- Anti-channeling system
- Extended media life

Build Options:
- Carbon (GAC)
- Multi-media
- Specialty

shown with diamond ful weld jacket

Fleck 7000 SXT
Digital High Flow Filter System

Great for large homes or commercial applications

Features
- Non-corrosive, UV-resistant, valve body
- Various size/type end-connectors available
- High flow rates for larger applications
- Advanced SXT electronic controls
- Connections up to 1.5"

Build Options:
- Carbon (GAC)
- Multi-media
- Specialty

commercial models also available

Cartridge Filter Systems

Double BB 10"
4.5 x 10" Housings

Features
- 2 dual o-ring BB 10" filter housings 1" ports
- Durable powder-coated steel bracket
- Brass ball-valve & connecting nipple
- 2 stainless steel pressure gauges
- 5 micron sediment filter
- GAC carbon filter
- Filter housing wrench

Double BB 20"
4.5 x 20" Housings

Features
- 2 dual o-ring BB 20" filter housings 1" ports
- Durable powder-coated steel bracket
- Brass ball-valve & connecting nipple
- 2 stainless steel pressure gauges
- 5 micron sediment filter
- GAC carbon filter
- Filter housing wrench

Triple Slim 20"
2.5 x 20" Housings

Features
- 3 slim 20" filter housings 3/4" ports
- Durable powder-coated steel bracket
- Brass ball-valve & connecting nipple
- 2 stainless steel pressure gauges
- 5 micron sediment filter
- GAC carbon filter
- CTO carbon block filter (10 micron)
- Filter housing wrench

Triple BB 20"
4.5 x 20" Housings

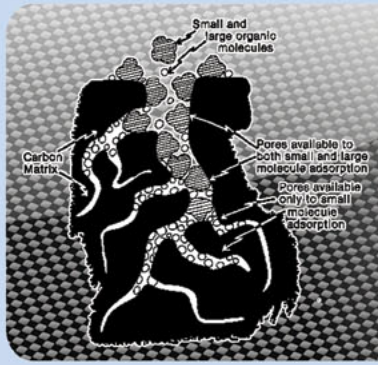
Features
- 3 dual o-ring BB 20" filter housings 1" ports
- Durable powder-coated steel bracket
- Brass ball-valve & connecting nipple
- 2 stainless steel pressure gauges
- 5 micron sediment filter
- GAC carbon filter
- CTO carbon block filter (10 micron)
- Filter housing wrench

Included Accessories

Common Upgrades:
- Different port sizes
- Different housing color
- Custom filter applications (see media options)
- Custom gauges
- Private labeling
- Digital TDS monitor
- UV Sterilizer

About Carbon Filtration

Granular Activated Carbon (GAC) filtration is an unparalleled method for removing harmful chemcials from drinking water. GAC systems can improve taste, odor and color of water as well.



GAC is activated charcoal that has been treated with oxygen. The treatment results in a highly porous media. These tiny holes give the charcoal a surface area of 300-2,000 m^2/g, allowing liquids to pass through but trapping a wide range of impurities and contaminants in the exposed carbon media.

Salt-less Conditioners

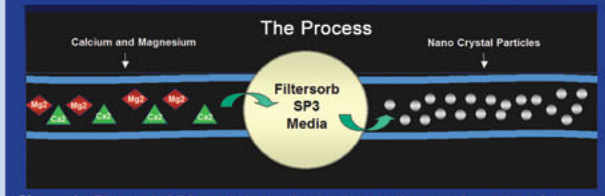
No Salt - No Drain - No Electricity - Easy Install - Low Maintenance

Environmentally safe Filtersorb SP3 saltless anti-scale media was initially developed to serve as an alternative to commercial softeners used for scale control. The media is currently awaiting patents for its exclusive manufacturing process and advanced technological design.

The most effective alternative to traditional water softening on the market today. Hardness is not removed but changed structurally such that build-up and corrosion are broken down and prevented. The same benefits of a softener, only to a lesser degree.

DOSING PUMP UPGRADE OPTION

An amazing partner product to Filtersorb SP3 systems, when used in conjunction, media life is extended, water quality is improved and an income stream for dealers is created. Pays for itself after just a few customer refills!



Phase 1: Filtersorb SP3 catalytic media accelerates the transformation of the calcium and magnesium minerals out of the water solution into harmless "Nano" sized Crystal particles.

Phase 2: As the calcium crystals flow through the piping systems and equipment, the nano structure of the crystals dissolve additional calcium removing any preexisting calcium deposits.

Phase 3: After the old calcium deposits are removed the Filtersorb SP3 forms a smooth 3 to 5 micron thick corrosion prevention layer on existing pipes and equipment.