

# AQUACHAMP



## QUALITY WATER CONDITIONING FOR YOUR HOME



- ★ EFFICIENT
- ★ CLEAN
- ★ DEPENDABLE
- ★ AFFORDABLE

[AQUACHAMP.COM](http://AQUACHAMP.COM)



# AQUACHAMP UPFLOW CONDITIONERS

For over 20 years, families have depended on Aquachamp for safe, clean tasting water. Our innovative water filtration process uses the least amount of salt possible, while realizing significant water savings - all made in the USA. The result is the best water for the family.



## BENEFITS

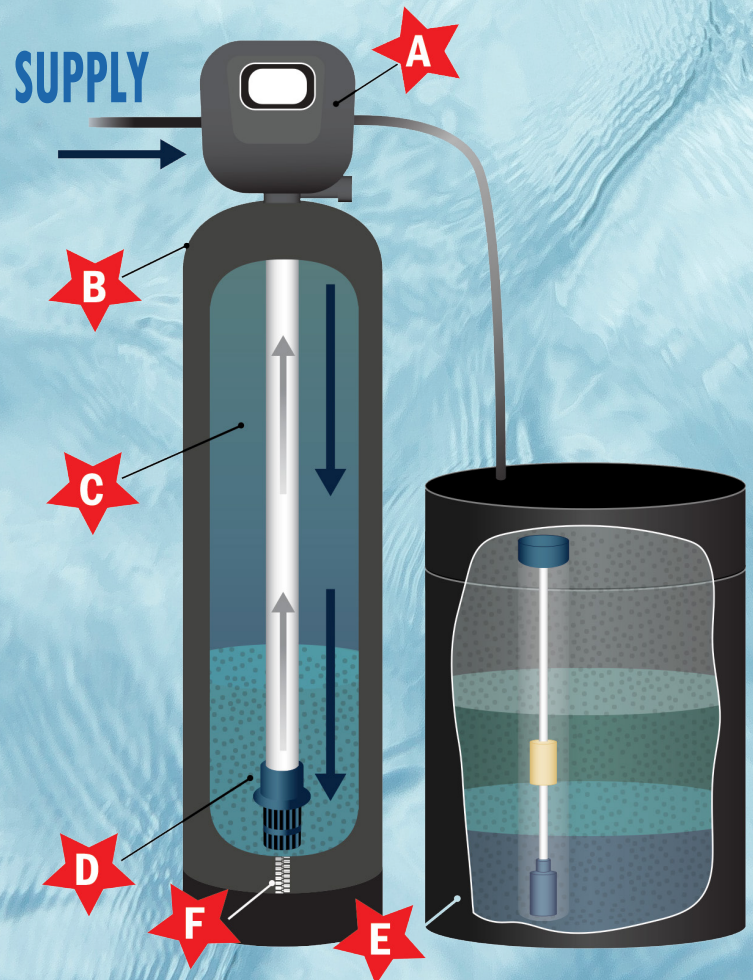
- ★ Most efficient system on the market
- ★ Provides abundant, clean, soft water
- ★ Protects pipes, appliances, and fixtures from scale

## USES LESS SALT

- ★ Self-adjusting brine level
- ★ Proportional regeneration system

## UPFLOW CONDITIONER BREAKDOWN

- ★ **A** Unique, customizable touch screen controller with upflow programming to provide the cleanest water. Flow rates as high as 43 gpm. Plumbing connections 3/4" - 1 3/4". UL rated & NSF certified.
- ★ **B** Polyglass tank built for strength & durability.
- ★ **C** Highest quality black water softening resin for use on chlorinated and non-chlorinated water.
- ★ **D** Red Flint - proprietary resin support under bedding to ensure proper distribution of brine and filtration.
- ★ **E** Durable poly brine tank with salt grid and safety float.
- ★ **F** Zip-up neoprene jacket to negate condensation.





# AQUACHAMP FILTERS

Most Aquachamp systems require only simple backwashing on a regular basis to maintain high quality water. When paired with an Aquachamp Filter, an Aquachamp water conditioner provides your family with the best possible water in an efficient and cost-saving system.

**Taste & Odor** Carbon Filters eliminate chlorine, odor and unpleasant taste. Perfect for city water!

**Acid Neutralizers** Refillable media used to increase pH level of water to safe level; protect plumbing systems; and eliminate stains on filters.

**NEW - Air Injection Oxidation (AIO)** Unique, air injection control adds air to the tank to oxidize contaminants for filtration by the media - perfect for iron, manganese or hydrogen sulfide. In many applications, this system can filter and remove iron while softening the water.

For specific drinking water problems not corrected by a filter or conditioner system, your dealer can provide information about a Reverse Osmosis drinking water system or Ultraviolet Light disinfection

## POSSIBLE PROBLEMS IN YOUR WATER

SYMPTOMS	POSSIBLE CAUSE	FILTER MEDIA
Rust Stains	Iron	KDF-85, Birm, Filox, Air Injection
Black Stains	Manganese	Filox, Air Injection
Green Stains	Acidic Water	Neutralizing crushed marble, Flomag
Taste & Odor	Chlorine	Activated Carbon
Rotten Egg Odor	Hydrogen Sulfide	KDF-85, Centaur
None	VOCs	Dual activated carbon

## FILTER MEDIA INFORMATION

**Carbon** Activated carbon used for chlorine and taste & odor removal by absorption. Its mesh size allows treatment with the least amount of flow loss, and filters particles 20 micron and higher.

**Centaur** A unique catalytic activated carbon that combines a fine pore structure and high catalytic activity for enhanced absorption of contaminants.

**KDF-85** A bi-metal, copper-zinc material used for iron and hydrogen sulfide removal. Iron is reduced and hydrogen sulfide is oxidized in this oxidation / reduction process. Often used to control bacteria, algae and fungus growth.

**Multi-Media** Layers of gravel, garnet, sand, and anthracite of differing densities to act as a sediment depth filter. This media mix can filter particles down to 15-20 microns.

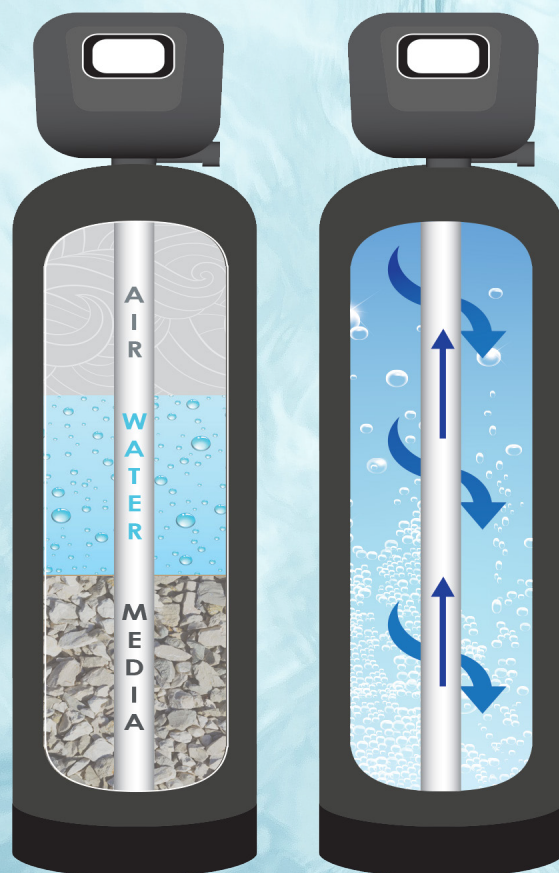
**Neutralizing Crushed Marble** A sacrificial media that dissolves in acidic water and reacts to create a neutral water. This process adds some hardness to the water.

**Flomag** A reactive sacrificial neutralizing media for substantial pH correction or high flow conditions.

**Filox** A catalyst filter material used for hydrogen sulfide, iron and manganese reduction by oxidation and filtration.

**Birm** An efficient and economical treatment for dissolved iron. Acts as an insoluble catalyst to enhance reaction between dissolved oxygen and iron.

**Filter-AG** A light weight plastic sand with excellent filtering capability and requiring lower backwash rates.





## REVERSE OSMOSIS UNIT

The Aquachamp RO features five stages, complete with filters, an RO membrane and, finally, a designer stainless steel drinking water faucet. The quick change system means no tools are needed to change the filters. As water enters the Aquachamp RO, follow its path to your tap:

**Stage 1:** Carbon block filter removes chlorine, taste, and odor, as well as protects and increases the service life of the remaining filters.

**Stage 2:** The 75 gallon per day RO membrane removes impurities, contaminants, and more than 96% of total dissolved solids.

**Stages 3 and 4:** The twin carbon block filters are made of high quality activated carbon, reducing any remaining chlorine, tastes, and odors, and conditioning the water.

**Stage 5:** The granulated activated carbon "polisher" filter provides final polishing of water.



## GERMICIDAL DISINFECTION STERILIZER: UV LIGHT SYSTEMS

- ★ Eliminates microbiological bacterial and other organisms
- ★ LED visual and audible alarms
- ★ Lamp life expired alarm
- ★ Day countdown replacement and alarm timers

- ★ Solenoid valve connection
- ★ UV lamp sight port
- ★ Built-in surge protector and fuse
- ★ 1" and 3/4" standard inlet and outlet

The Aquachamp Ultraviolet GDS Series is an effective way to provide safe, bacteria-free water 24 hours a day, 7 days a week.



**LEARN MORE AT [AQUACHAMP.COM](http://AQUACHAMP.COM)**