

# AQUA OTTER QUINTEX 5™

## THE ALL-IN-ONE, SALT-FREE WHOLE-HOME WATER SOLUTION

The Aqua Otter Quintex 5™ is our exclusive, American-engineered, 5-media whole-house water treatment system designed specifically for municipal (city) water customers who want cleaner, healthier, better-tasting water—without the hassle of salt, brine tanks, or bulky equipment.

Inside every Quintex 5™ system is a carefully layered combination of five premium water treatment medias, each selected for a specific purpose. Together, they eliminate chemicals, improve taste and odor, protect your plumbing, and conditions minerals without adding sodium or wasting water.

### The result?

Smooth-feeling (Not Slimy), chemical-free, hassle-free water at every tap—engineered to last, built for busy households, and perfect for customers who want low maintenance without sacrificing performance.

## THE POWER INSIDE

### Garnet Underbed

Provides a strong, stable base for optimal flow and filtration efficiency. Ensures proper backwashing and media separation. Extends the lifespan of the carbon layers above.

### Coconut Shell Carbon

Reduces chlorine and chloramines. Improves taste and removes odors. Filters organic chemicals (VOCs), pesticides, and industrial byproducts. Provides crisp, clean, refreshing water throughout the home.

### Catalytic Carbon

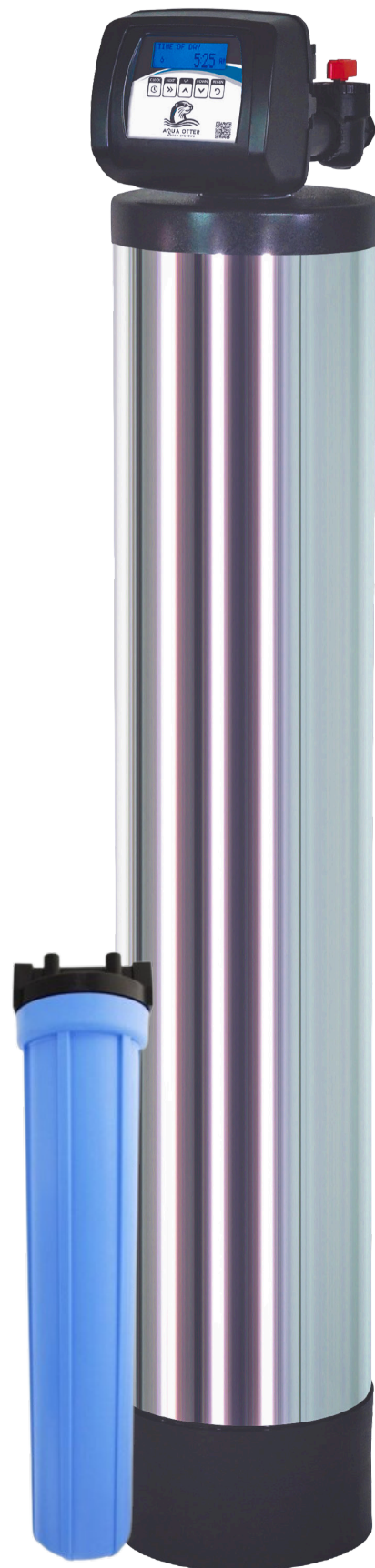
Advanced filtration for chloramines commonly used in municipal water. Targets stubborn chemical compounds like PFAs, PFOs (forever chemicals), and VOCs that standard carbon cannot remove. Reduces DBPs (disinfection by-products) for safer, higher-quality water.

### KDF-55 (Inside the Media Guard)

KDF-55 reduces chlorine, heavy metals like lead and mercury, and helps control bacteria and algae. It boosts overall filtration performance and extends the lifespan of the carbon media. Also, helps prevent scale build-up. Enhances carbon performance and extends system life.

### Food-Grade Phosphate (In-Line Water Conditioning Cartridge)

Conditions hard water minerals without salt. Helps prevent scale buildup in water heaters, faucets, and appliances. Keeps plumbing protected and maximizes equipment efficiency.



### Professional Series Control Valve

- Patented technology provides a slow, quiet release to drain
- Control Valve delays the start of regeneration if water usage is detected
- Built in backup of settings during power outages
- Simple diagnostics and design provide for easy maintenance
- Easy to read back-lit display

### Media Guard

An advanced in-tank filtration cartridge designed to enhance performance by targeting contaminants your main media can't reach. Inside KDF 55 boost system efficiency, extend media life, and deliver cleaner, safer water for your entire home.

### Exclusive Media Bed

- Custom blends of media for efficient reduction chemicals, pharmaceuticals, PFAs, PFOs (Forever Chemicals) and MORE, down to 5 microns. Custom blend of media is what gives the Quintex 5 it's name!

### Vortech Distribution System

- Distributes the water evenly and delivers high quality flow rate.

Vortech Tank Design for MAX efficiency and effectiveness. Moves water in a vortex motion where every grain of media is utilized.

The arrows show the flow of water through the system as it filters.

### Food Grade Phosphate

Food-grade phosphate conditions hard water minerals without salt, helping prevent scale buildup in appliances and plumbing. This keeps your system efficient and protects your home's pipes and appliances. Maintains the natural minerals in the water so your home is protected without sacrificing the natural health benefits. **(For more info, check out last page)**

### KDF 55

KDF-55 reduces chlorine, heavy metals like lead and mercury, and helps control bacteria and algae. It boosts overall filtration performance and extends the lifespan of the carbon media. Also, helps prevent scale build-up.

### Catalytic Carbon

Catalytic carbon offers advanced filtration for chlorine, chloramines, pharmaceuticals, and other stubborn municipal water chemicals. It also reduces harmful disinfection by-products for safer, higher-quality water.

### Coconut Shell Carbon

This premium carbon reduces chlorine and chemicals while improving taste and odor. It filters VOCs, pesticides, PFAs, PFOs, and industrial byproducts to deliver clean, refreshing water throughout the home.

### High Density Garnet

Garnet provides a strong, stable foundation that improves water flow and filtration efficiency. It ensures proper backwashing and media separation, helping extend the life of the carbon layers above.

Aqua Otter Quintex 5 System Specifications

Filter Media Capacity (cu ft)	1.25	1.5	2.0	2.5
Mineral Tank Size	10" x 44"	10" x 54"	12" x 52"	13" x 54"
Service Flow Rate - Peak	7.0 gpm	8.0 gpm	11.5 gpm	13.0 gpm
Approximate Dimensions (In.)	11W x 52H x 17D	11W x 62H x 17D	13W x 60H x 17D	14W x 62H x 17D
Approximate Weight - Pounds*	115# - 118#	120# - 167#	140# - 186#	185# - 222#

\*System weights dependent on media used in the various systems.





## DUAL MEDIA WATER SOFTENER & FILTRATION

Each Dual Media Water Conditioner is designed to specifically address the water quality issues that are unique to your home providing your family with outstanding water. The very best components, features and state-of-the-art design go into every system providing you with years of high quality, soft and filtered water.

The Mid-Vortech® tank maximizes the media efficiency with two separate media chambers in one tank. Using MUCH LESS salt and water. It is the most efficient system in the industry.



# ALL-IN-ONE SOFTENER & FILTRATION

## COMMON WATER ISSUES

Municipal, rural or private well water supplies can contain hardness minerals (calcium and magnesium), iron, rust, sediment and a variety of other contaminants. These minerals form a scale and create problems in water heaters, washing machines, dishwashers, coffee makers, humidifiers and plumbing systems. Our water conditioners and drinking water systems are designed to reduce these unwanted contaminants providing your family with a refreshing difference, saving you money now and in the years to come.

## THE PROCESS OF ION EXCHANGE

A water softener works using the process of ion exchange, exchanging the hardness mineral ions, (calcium and magnesium), with the softening ions of the resin. After the system has used all the softening ability it will automatically regenerate, restoring the systems ability to soften. During the regeneration process, a salt solution from the brine tank flushes the hardness ions off the resin recharging the system with sodium, an exchange of ions, before being sent to the drain.

## DUAL MEDIA WATER SOFTENING & FILTRATION

Dual media conditioners are designed to treat chlorine, chemicals, ect, hardness, tastes and odors in the water. The Mid-Vortech™ tank maximizes the media efficiency with two separate media chambers in one tank. The lower chamber contains the media to soften your water, and the upper chamber has an activated carbon to remove objectionable tastes, odors, chlorine, chemicals, ect. Your professional water treatment dealer may also utilize this chamber for an alternative filter media to treat your specific water issues.



System shown with Electronic Meter Control, Brine Tank, optional Tank Jacket and Deluxe Brine Tank Cover





## Professional Series Control Valve

- Control valve prevents regeneration if water usage is detected within 10 minutes prior to the start of regeneration
- Two relays to control additional equipment
- Water use is monitored for peak efficiency (Meter Controls)
- Built in backup of settings during power outages
- Simple diagnostics and design provide for easy maintenance

• Proportional brining

## SYSTEM FEATURES AND OPTIONS

- The control features solid state microprocessors with easy access front panel settings
- Three modes of operation meter immediate, meter delayed, or time clock delayed
- Treated water brine tank refill
- Proportional brining available, provides for optimum efficiency and salt savings
- Double backwash feature, offers optimum regeneration, cleaning ability, and efficiency
- Days override - 1 - 28 day's available
- Softener systems up to 21" diameter tanks
- Down-flow or up-flow regeneration
- Stores system configuration and operation data in non-volatile memory
- Capacitor back-up with two-hour power carry over
- 15 VDC transformer provides safe and easy installation
- Control valve design provides optimum service and backwash rates
- Back-lit display
- Optional stylish tank covers help reduce condensation on the mineral tank

## Top Media Bed

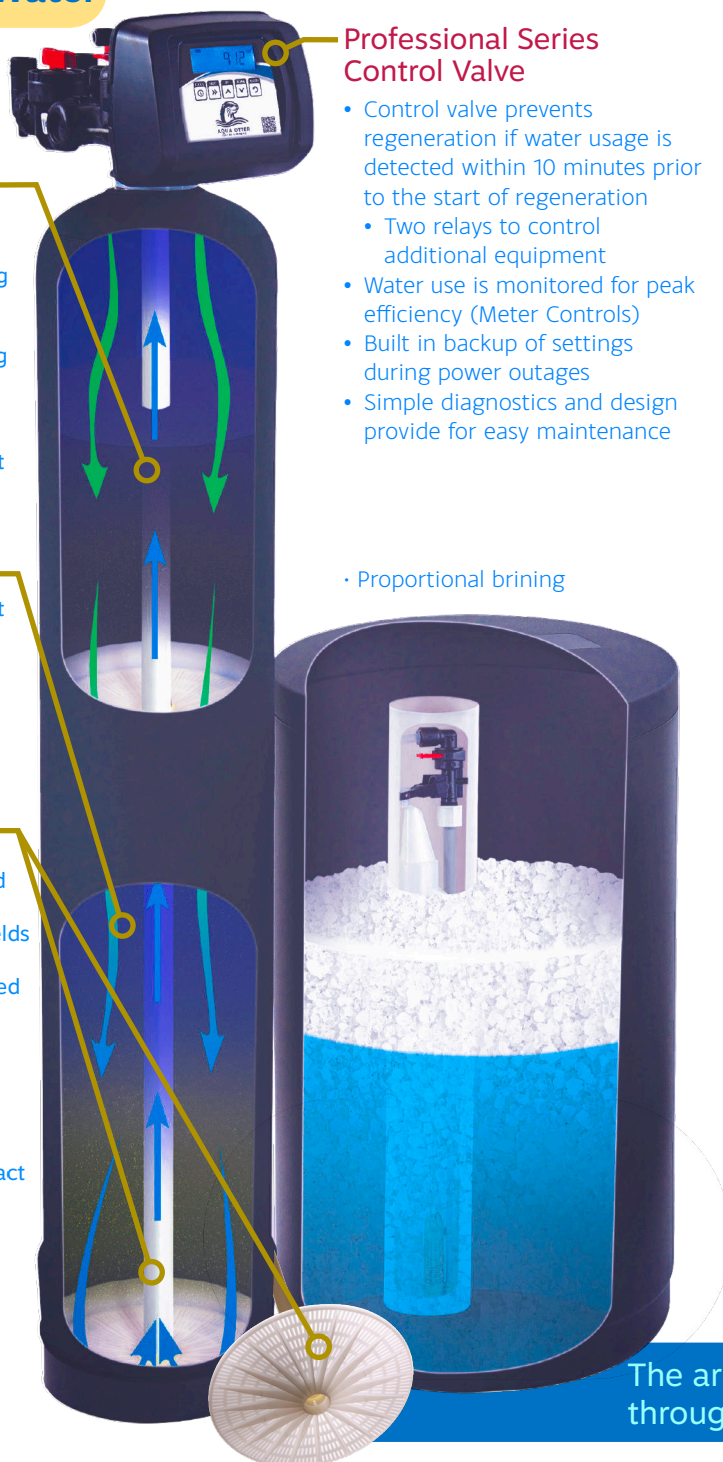
- Activated Carbon filter media eliminates chlorine and chemicals, ect...while removing unpleasant tastes and odors. Chlorine removal may also extend the life of the softening resin
- Your water treatment professional may use an alternative filter media to treat your specific water quality issues

## Bottom Media Bed

- High quality, chlorine resistant media bed for years of continuous service
- Uniform bead size and distribution for optimum flow rates

## Mid-Vortech® Style Distribution System

- Delivers evenly distributed and high quality flows
- Large surface area of plate yields lower pressure drop over time
- Up to 30% less water is required for backwash flow rate thus conserving water
- High flow design maximizes today's high efficiency valve technology
- Dual media chambers keep media separate for more contact time and efficiency
- Most efficient softening regeneration, reducing salt consumption



The arrows show the flow of water through the system as it's softened.

## All-in-One Softener & Filtration System Specifications

Grains Capacity	32,000	48,000	64,000	80,000
Grains Capacity/Capacity <sub>2</sub>	30K/24K	45K/36K	60K/48K	75K/60K
Cubic Ft. Material	1.00	1.50	2.00	2.50
Pounds Material	50	75	100	125
Service Flow Rate, GPM*	9	12	13	18
Approximate Dimensions (in.)	33W x 57H x 19D	34W x 63H x 19D	36W x 57H x 19D	37W x 63H x 19D
Approximate Weight	98#	124#	152#	219#
Mineral Tank Size	9" x 48"	10" x 54"	12" x 48"	13" x 54"
Backwash Flow <sub>3</sub>	2.0	2.4	3.5	4.0

OTHER SIZES AVAILABLE IN ADDITION TO WHAT IS SHOWN ABOVE.

(1) At 15 pounds per cubic foot = 30,000 Gr. C.F. (2) At 9 pounds per cubic foot = 24,000 Gr. C.F. (3) Backwash flow with standard basket distributor

\*Note - due to varying water conditions, water pressures and assembly materials the service flow rate should be used only as a guideline. The standard resin is certified, however system media may vary based on water analysis to optimally treat specific water problems.

# Aqua Otter

## Alpha 3000

Water Conditioner & Filtration

### The Compact Whole House Solution

- Saltless hard water treatment
  - Removes Chlorine, Chemicals, and More throughout the entire home
  - Low maintenance, only replace the cartridge every 100,000 gallons of water used
- \* Depending on hardness and family size\*
- Perfect for small family homes
  - No drain needed
  - LED indication lights, no guessing on when to change cartridge



**Green:** 100% cartridge life



**Yellow:** 10% Cartridge life  
Call us to order your replacement



**Red:** Replace Cartridge



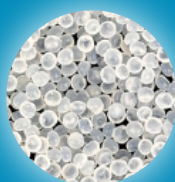
#### **Catalytic Carbon:**

Catalytic carbon offers advanced filtration for chlorine, chloramines, heavy metals, pharmaceuticals, PFAs, PFOs (forever chemicals), and other stubborn municipal water chemicals. It also reduces harmful disinfection by-products for safer, high quality water. Makes the water safe for drinking, cooking, bathing, teeth brushing, and more!



#### **KDF-55:**

KDF-55 reduces chlorine, heavy metals like lead and mercury, and helps control bacteria, microorganisms, and algae while also reducing hard water build up. It boosts overall filtration performance and extends the lifespan of the carbon media.



#### **Food Grade Phosphate:**

Food-grade phosphate conditions hard water minerals without salt, helping prevent scale buildup in appliances and plumbing. This keeps your system efficient and protects your home's pipes and appliances.