

# WHOLE HOUSE WATER TREATMENT SYSTEM



**WQA Tested & Certified**

According to NSF/ANSI 61  
INTERNATIONAL STANDARD  
FOR DRINKING WATER ADDITIVES  
LEAD FREE COMPLIANCE  
Annex G, CA AB 1953

**HALO 5**  
SOLVES HARD WATER PROBLEMS



HALO 5 uses the HALO ION conditioners solve these problems by physically treating the water in order to:

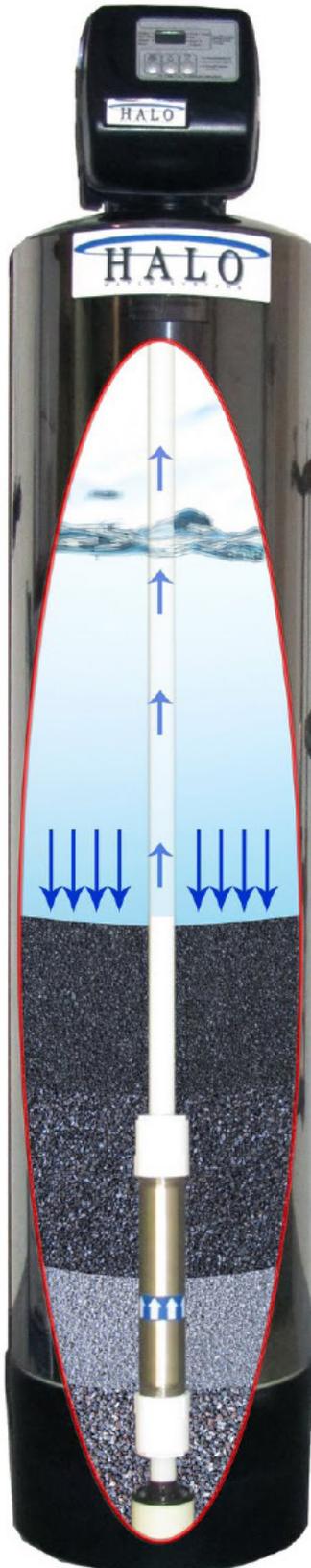
**DISSOLVE SCALE - PREVENT SCALE - INHIBIT CORROSION**

**HALO 5**  
SOLVES CHLORINE PROBLEMS



HALO filtration systems are effective at reducing chlorine, chloramines, and chlorination by-products from all of your household water.

**No more Chlorine Damage. No more bad taste & smell. No more bottled water.**



**HALO 5**  
MAINTENANCE FREE  
WHOLE HOUSE FILTRATION & CONDITIONING



**STAGE 1 Granular Activated Carbon (GAC)**

Premium grade acid-washed GAC for the general removal of chlorine, chloramines, gases, dyes, fuels, heavy metals, man-made pollutants, disinfectants, pesticides, TTHM, sodium hypochlorite, undesirable odors, undesirable taste and volatile organic contaminants.

Our NSF/ANSI Certified GAC meets or exceeds all Food Chemical Codex, AWWA, ASTM and USP Standards.

**STAGE 2 Centaur® High Activity Carbon (HAC)**

Centaur® HAC is an outstanding material for successfully reducing free chlorine from water supplies. The end product is clean, fresh water with no objectionable taste or odor characteristics. Additionally, Centaur® HAC can be used for filtering waters having a wide range of pH levels and will impart a high "polish" to the filtered water.

Our Centaur HAC is NSF/ANSI Certified under ANSI/NSF Standard 42

**STAGE 3 Filter-Ag Plus®**

Filter-Ag Plus® is an all-natural, environmentally safe media with a large surface area and micro-porous structure. It is a highly efficient filter media for the reduction of suspended matter down to the 5 micron or less range and is thus, extremely effective at removing water turbidity.

Our Filter-Ag Plus® NSF/ANSI Certified under ANSI/NSF Standard 61.

**STAGE 4 High Density Garnet Filter Media**

Garnet is a high hardness, high density granular filtration media that can effectively filter down to the 10-20 micron range. It also provides an excellent support bed for the other filtration media.

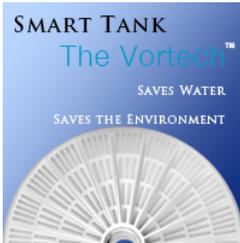
Our High Density Garnet meets AWWA specifications. It is also classified by Underwriters Laboratories Inc.® in accordance with ANSI/NSF Standard 61.

**STAGE 5 HALO ION Inline Water Conditioner**

Our patented HALO ION Inline Water Conditioner uses multi-reversing polarity permanent magnetic fields to alter the molecular structure of positively and negatively charged ions of dissolved calcium and magnesium. This causes the hard water minerals that would normally cause lime scale to stay suspended in the water instead of attacking pipes and appliances. The conditioned water also helps prevent corrosion due to scale and will dissolve existing scale over time.

With over 45 years of track record, the HALO ION Inline Water Conditioner is a proven, eco-friendly hard water treatment solution.

# WHOLE HOUSE WATER TREATMENT SYSTEM



Uses up to 30% less water during backwash over standard tanks. The Self cleaning VORTECH distributor prevents system clogging, and the high-flow design maximizes high efficiency valves.

That's Smart!



The Clack head is renowned for its' quality, reliability and programmability. It arrives to your home ready to plug in and play. It retains its' programming even in a power outage.

That's Smart!



We use Premium-Grade, Acid-washed Carbon media. Due to its high degree of microporosity, just one gram of activated carbon has a surface area in excess of 5000 square feet.

That's Smart!



We use Centaur® High Activity Carbon because it is an outstanding material for effectively reducing stubborn contaminants like Chloramines, Hydrogen Sulfide, other VOC's., bad tastes & odors.

That's Smart!



Filter-Ag Plus® is an all-natural media. It is highly efficient for the reduction of suspended matter down to the 5 micron level. Garnet is a hard, dense media that can filter out sediment down to the 10-20 micron range.

That's Smart!



The HALO ION magnetic water conditioner is the 5th stage in the HALO 5 system. It is designed to effectively control hard water scale throughout your home without chemicals or any scheduled maintenance.

That's Brilliant!

## HALO 5 MAINTENANCE FREE WHOLE HOUSE WATER FILTRATION & CONDITIONING



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### System Capacities

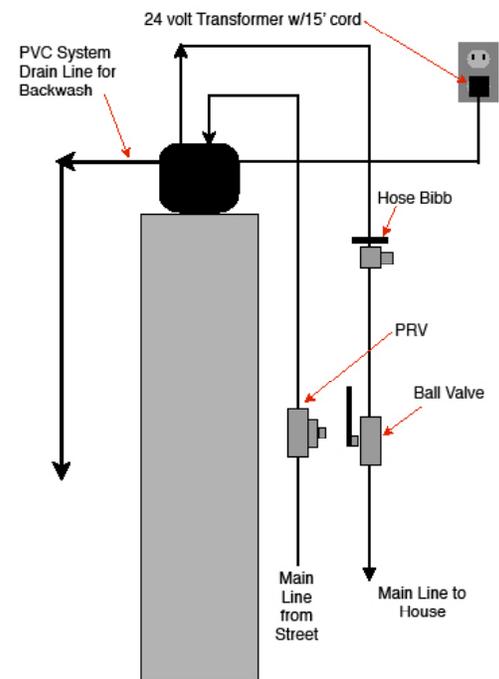
<b>HALO 5 - 1"</b> <b>1,000,000 Gallons</b> For a family of four this system will last about 10 years 2-8GPM	<b>HALO 5 - 1.5"</b> <b>2,000,000 Gallons</b> For a family of six this system will last over 10 years 4-15 GPM
<b>HALO 5 - 1.25"</b> <b>1,500,000 Gallons</b> For a family of six this system will last about 10 years 2-8 GPM	<b>HALO 5 - 2"</b> <b>3,000,000 Gallons</b> For a family of six this system will last over 10 years 8-25 GPM

### System Specifications

System	Tank Size	Wt. (lbs.)	H. (in.)	W. (in.)	Depth (in.)	Inlet/Outlet (in.)	Model #
HALO 5 - 1"	10" x 54"	93	61	10	10	1"	H5-100
HALO 5 - 1.25"	12" X 52"	121	59	12	12	1.25"	H5-125
HALO 5 - 1.5"	13" X 65"	148	73	13	13	1.5"	H5-150
HALO 5 - 2"	16" X 65"	246	74	16	16	2.0"	H5-200

## Installation at a Glance

1. Plumb Inlet/Outlet to system at Main.
2. Plumb system drain line.
3. Flush system with Hose Bibb (20 mins)
4. Force Regeneration (10 mins).
5. Flush system with Hose Bibb (20 mins)
6. Force Regeneration (10 mins.)
7. Final Flush with Hose Bibb (20 mins).
8. Open system to household.
9. Test for Chlorine at Hose Bibb and Kitchen Sink and show customer results.



**SPECIAL CONSIDERATIONS:** The HALO 5 is a COMPLETE Whole House Water Treatment Filtration & Conditioning Solution. that is highly effective and eco-friendly. Because the HALO ION is a physical (non-chemical) treatment system for control of hard water scale & corrosion, there are a couple of special cases to be aware of; (1) If a Hot Water Recirculating Loop is present we recommend treating that loop with an additional ION unit. (2) If the Hot Water heater is not turned over every 24 hours additional treatment may be necessary. (3) Some tankless water heaters require additional treatment for optimum results. The HALO ION uses multi-reversing polarity permanent magnetic fields to affect the "ionic charge identity" of the CaCO<sub>3</sub> and MgCO<sub>3</sub>, so that they remain suspended in the water rather than precipitate out as hard water scale. This is the essence of the "conditioned effect" delivered by the HALO ION. The HALO ION conditioned effect lasts for about 36 hrs. on the cold side and 24 hrs. on the hot side. Any questions, please call us at 800.591.0538. Available 24/7.

**WARNING:** Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Intended for use with cold water only. Do not exceed 80 psi. Intended for residential use only.

**NOTE:** The HALO 5 Stage Systems are intended for treatment of potable water provided by municipal water providers. While the HALO 5 Series system may be effective for treatment of Well Water it is vital that a well water quality analysis be provided for review in order to ensure that optimum results will be delivered.

**For Information please call 800.591.0538 or visit [www.halowater.com](http://www.halowater.com)**