

MAXPACK



HAGUE
Quality Water International®



C USA

ABOUT US

Family Owned Since 1960

State-of-the-Art Manufacturing Facility

Made in the USA

Every Unit Tested

WQA Certified

Industry Leading Warranty

Distributed Worldwide



THREE TYPES OF WATER

Utility Grade Water

Watering Plants
Watering Lawns

Working Grade Water

Bathing
Washing Clothes
Appliances

Life Support Water

Drinking
Cooking



TWO SOURCES OF WATER

Municipal (City) Water

Water supplied from a water treatment facility.

Well Water

Access to groundwater stored in aquifers.

HARDNESS

Hard water is a common quality of water which contains dissolved compounds of calcium and magnesium, as well as other elements such as iron. Hardness can be typical in most homes but causes damage, discomfort, and extra expense.

TASTE & ODOR

We want the water we use every day to quench our thirst and make us feel clean and fresh. When our water is foul-smelling or bad-tasting, the satisfaction we get from our water is gone.



COMMON WATER PROBLEMS

CLOUDINESS & DISCOLORATION

Discoloration of water or its cloudy, opaque appearance is most often caused by the level of dissolved solids in your water. These solids can affect how the water tastes, smells, and performs in your home, as well as how it looks.



STAINING

If the stains on water are blue-green in color, then most likely, corrosion of copper is occurring within the household plumbing. Stains that are various shades of yellow, tan, brown, black, orange, or red can indicate the presence of metals other than copper.



HAGUE
WATERMAX®



KEY FEATURES

Smart Touch Controller

Patented Control Valve

Built-In Bypass

Patented Tank Design

Self-Cleaning Filter

Safety Shut-Off

25 Year Limited Warranty



SMART TOUCH CONTROLLER

Full Color 3.25" Touch Screen

Do Not Disturb Mode

Power Loss Protection

Absolute Brining

Capacity Guard

Calculates Hardness

Low Voltage Requirements

PATENTED CONTROL VALVE

Patented Design

Built-In Bypass

Corrosion Resistant Construction

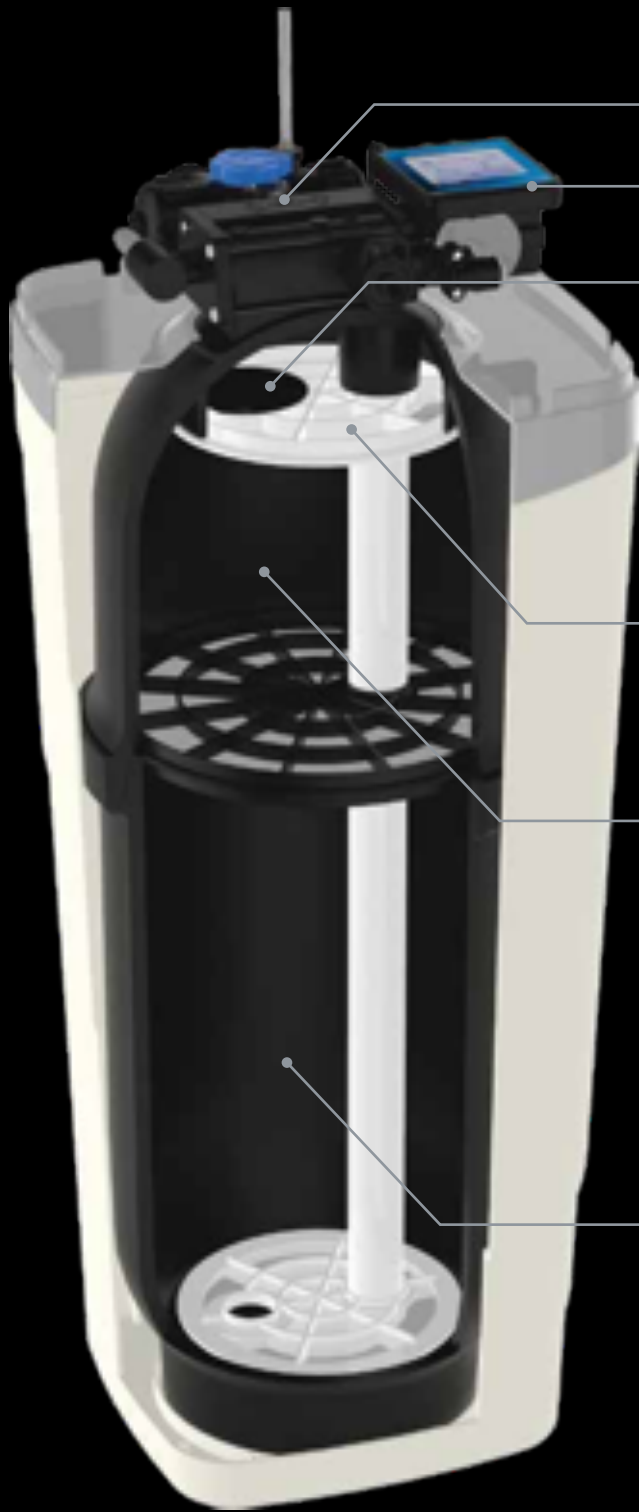
1" Valve

Blending Valve

Test Port

Hydroslides on Piston

MEDIA CABINET



BUILT-IN BYPASS

SMART TOUCH CONTROLLER

BAFFLE

COMPARTMENT #1

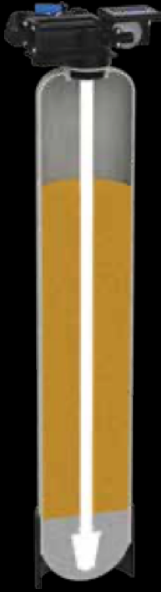
COMPARTMENT #2

COMPARTMENT #3

BRINE CABINET



CONVENTIONAL VS. WATERMAX®



Conventional water treatment units have a design flaw that leads to water channeling or tunneling. The result is wasted media.

This outdated design also does not have the flexibility to be fully customized for your specific water solution. The result could be multiple units to treat your water.



The WaterMax® is engineered with a baffle and distribution screens that distribute the water evenly through the tank to prevent water channeling.

Three separate compartments allow the WaterMax® to be customized for your specific water treatment solution.

Every unit has a built-in, self-cleaning filter. This value added feature saves you time, money, and labor on filter replacements.

The result is the most efficient water treatment system on the market today.

Built-In, Self Cleaning Filter Saves Time, Money, & Labor on Filter Replacements

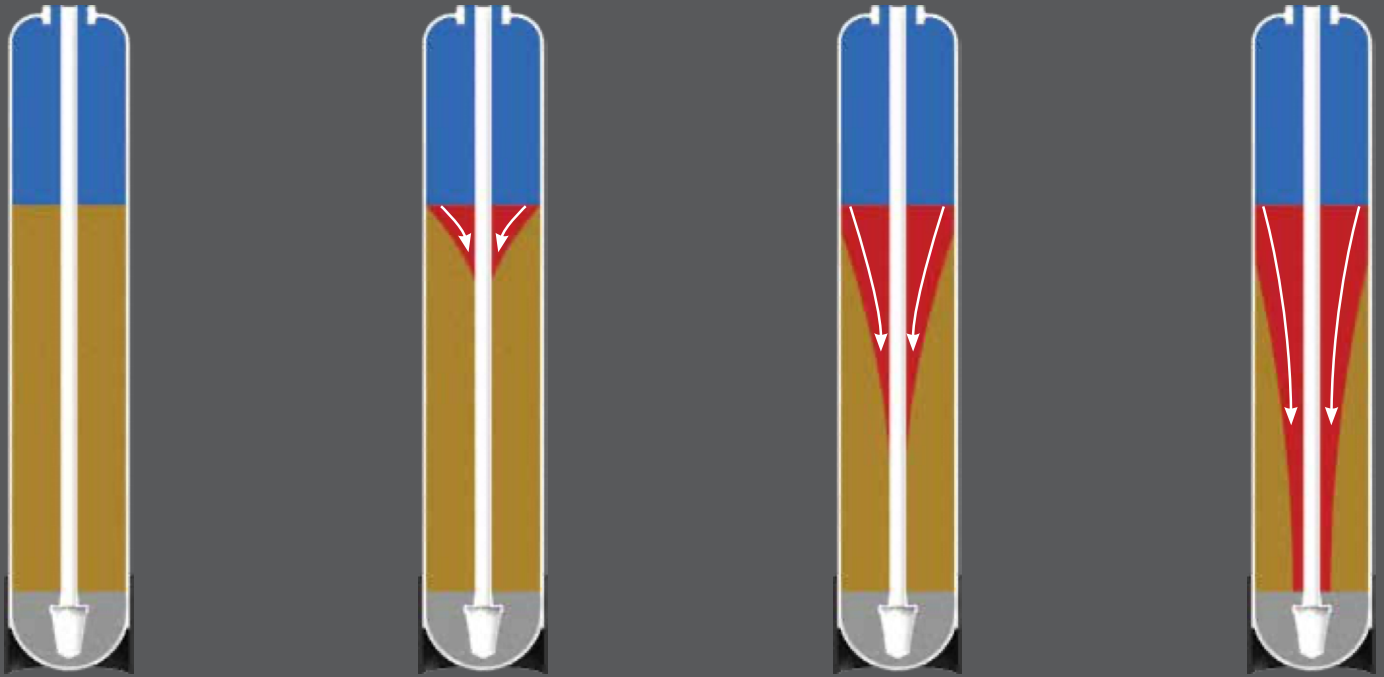


Up to 80% Less Time
Up to 50% Less Regenerant
Up to 80% Less Water

Directional Flow Screens
Up Flow Brining
Packed Resin Bed

CONVENTIONAL

Channeling or Tunneling Leads to Wasted Media.



Water



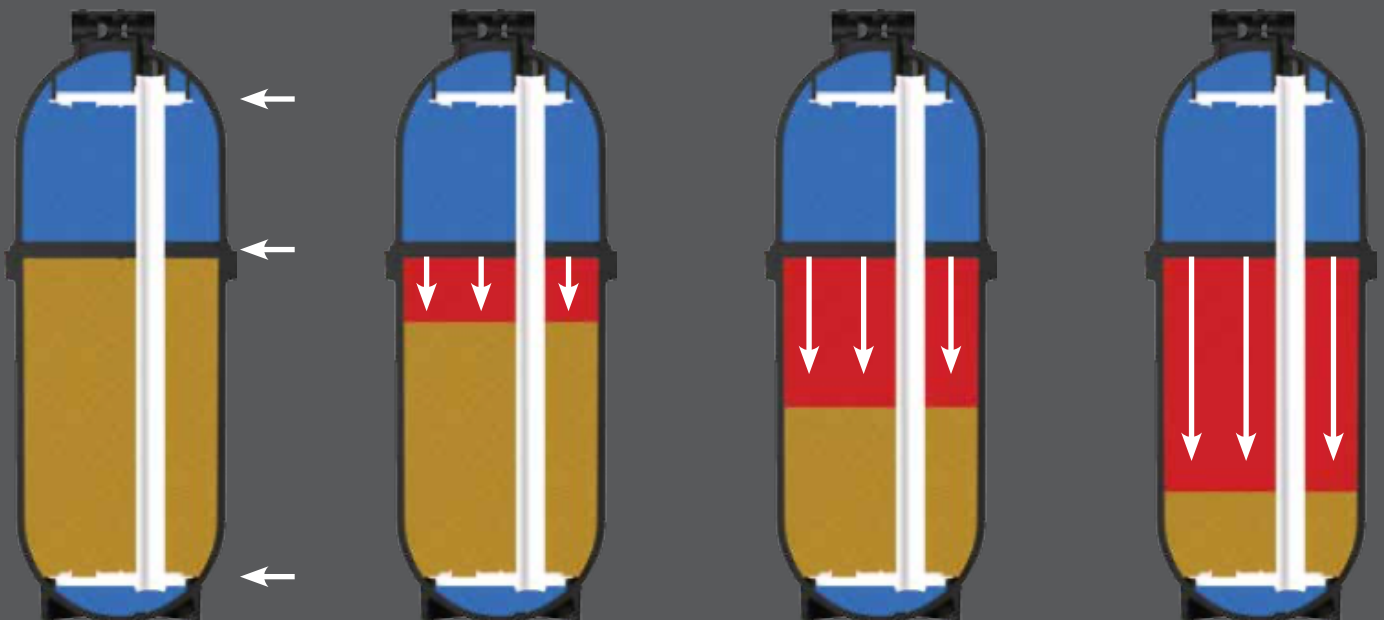
Regenerated Media



Exhausted Media

WATERMAX®

Directional Flow Screens Distribute Water Evenly Through Tank and Media.



MEDIA GUIDE



B - Chlorostat (KDF55)

High purity copper-zinc granules use the redox principal to effectively reduce free chlorine, heavy metals and control micro-organisms. It is an effective chlorine removal agent on municipal water supplies. The media consists of 50% copper and 50% zinc.



K - Birm

Used for the reduction of dissolved iron and manganese from water supplies. The dissolved oxygen content must equal at least 15% of the iron content with a pH of 6.8 or more.



C - Nitrate Select Resin

(A520E) Macro-porous strong base anion resin designed for the selective reduction/removal of nitrates from water. Uses sodium chloride to regenerate.



M - Ultra-Fil

High density granular filter media made from garnet. This is an excellent media for sediment reduction.



D - Tannin Resin

Strong base anion exchange resin. Ensures excellent reduction/removal of organic matter (tannins).



P - Sulfurstat (KDF85)

High purity copper-zinc granules effectively reduce ferrous iron, hydrogen sulfide, and heavy metals. The media is 85% copper and 15% zinc.



E - PC Carbon

Media is made from select grades of coconut shells. Reduces/removes taste and odors and most man-made pollutants from water.



Q - Fine Mesh Resin & Bacteriastat

Removes calcium and magnesium (hardness) from water. The use of fine mesh resin allows for higher operating capacities, faster kinetics, more effective iron removal, and less rinse water required during regeneration compared to standard mesh resins.

**Bacteriastat (2 lb) - inhibits bacteria growth in the resin bed.*



J - Calcite

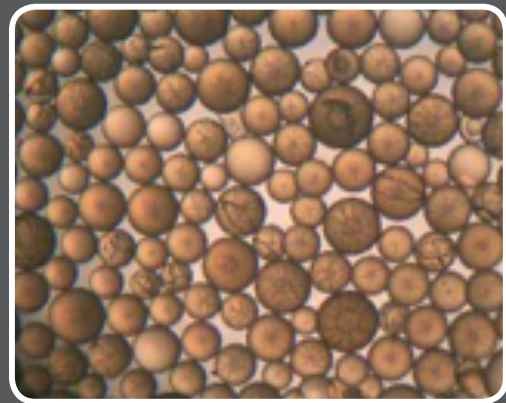
Crushed and screened white marble media which can neutralize acidic or low pH water. As the calcite neutralizes the water, it will dissolve and increase the hardness of the water.



N - GreensandPlus

Black filter media used for removing soluble iron, manganese, and hydrogen sulfide from water. The manganese dioxide coated surface of GreensandPlus acts as a catalyst in the oxidation reduction reaction of iron and manganese. Use potassium permanganate to regenerate the media bed.

FINE MESH RESIN VS. STANDARD RESIN



Fine mesh resin has an average bead size that is 23% smaller than standard mesh resin. With smaller beads, the ion exchange process happens more quickly. The result is less salt, less water, and less time is needed versus standard mesh for the same capacity.

Fine mesh resin works best with a packed bed. This means no wasted free board space. Our equipment can be smaller but at the same time more powerful.



BACTERIASTAT

Bacteriastat is listed with United States Environmental Protection Agency (USEPA) #54369-OH-001 as a bacteriostatic media. It is located in the bottom of the WaterMax[®] to protect the media from bacteria growth.

5 STAGE REVERSE OSMOSIS

Our 5 stage reverse osmosis unit features a non-electric permeate pump that fills the storage tank five times faster than a conventional RO unit.

No More Bottled Water

Maintains Water Pressure Within 5 lbs. of Line Pressure.

5 Times Faster Than a Conventional RO Unit.

Non-Electric Operation

PERMEATE PUMP

PROLONGED CONTACT FILTER

MEMBRANE



STORAGE TANK

CARBON POST FILTER

DUAL FUNCTION PRE-FILTER

The logo for the H6500 reverse osmosis system, featuring a stylized blue water drop icon to the left of the text 'H6500' in a bold, italicized font.

H6500 Reduction

| Substance | % | Substance | % |
|---------------|-------|------------------|-------|
| Arsenic (+5)* | 99.6% | Fluoride | 97.7% |
| Barium | 98.8% | Lead | 99.3% |
| Cadmium | 98.8% | Radium (226/228) | 80.0% |
| Chromium (+6) | 99.1% | Selenium | 94.0% |
| Chromium (+3) | 99.7% | TDS | 96.8% |
| Copper | 99.0% | Nitrate/Nitrite | 91.2% |

Additional Compounds Reduced

| | | |
|-----------------------------|-----------------------------|---------------------------|
| alachlor | endrin | pentachlorophenol |
| atrazine | ethylbenzene | simazine |
| benzene | ethylene dibromide (EDB) | styrene |
| carbofuran | haloacetonitriles (HAN) | 1,1,2,2-tetrachloroethane |
| carbon tetrachloride | bromochloroacetonitrile | tetrachloroethylene |
| chlorobenzene | dibromoacetonitrile | toluene |
| chloropicrin | dichloroacetonitrile | 2,4,5-TP (silvex) |
| 2,4-D | trichloroacetonitrile | tribromoacetic acid |
| dibromochloropropane (DBCP) | haloketones (HK) | 1,2,4-trichlorobenzene |
| o-dichlorobenzene | 1,1-dichloro-2-propanone | 1,1,1-trichloroethane |
| p-dichlorobenzene | 1,1,1-trichloro-2-propanone | 1,1,2-trichloroethane |
| 1,2-dichloroethane | heptachlor (H-34, Heptox) | trichloroethylene |
| 1,1-dichloroethylene | heptachlor epoxide | trihalomethanes |
| cis-1,2-dichloroethylene | hexachlorobutadiene | chloroform |
| trans-1,2-dichloroethylene | hexachlorocyclopentadiene | bromoform |
| 1,2-dichloropropane | lindane | bromodichloromethane |
| cis-1,3-dichloropropylene | methoxychlor | chlorodibromomethane |
| dinoseb | | xylenes |



SEE THE DIFFERENCE



FEEL THE DIFFERENCE



TASTE THE DIFFERENCE



SAVE THE DIFFERENCE

Figures based upon the average family of 4 with an average water hardness of 10 grains per gallon.

| | Savings | Monthly | | Yearly | |
|-------------------------|---------|----------|-----------------|----------|-------------------|
| | | Spending | Savings | Spending | Savings |
| Bottled Water | 100% | \$33.33 | \$33.33 | \$400.00 | \$400.00 |
| Soaps | 75% | \$10.42 | \$7.81 | \$125.00 | \$93.75 |
| Cleaning Products | 75% | \$50.00 | \$37.50 | \$600.00 | \$450.00 |
| Hot Water Usage | 20% | \$41.67 | \$8.33 | \$500.00 | \$100.00 |
| Plumbing and Appliances | 75% | \$10.00 | \$7.50 | \$120.00 | \$90.00 |
| Clothing and Linens | 30% | \$43.75 | \$13.13 | \$525.00 | \$157.50 |
| Totals | | \$189.17 | \$107.60 | \$2,270 | \$1,291.25 |

\$12,910
Potential
10 Year
Savings!

Sources:
 Water Quality Association - www.wqa.org
 NSF International - www.nsf.org
 U.S. Department of Labor
 U.S. Department of Commerce
 National Bureau of Standards
 U.S. Geological Survey





Established in 1960 from humble beginnings, Hague Quality Water is the oldest major water treatment manufacturer in the U.S.A. under continuous family ownership.

William R. Hague began his entrepreneurial journey in 1960 with just a blank piece of paper and a vision. Over fifty years later, his vision has been realized and the blank paper replaced by countless accolades touting his company's contributions to the water treatment industry, numerous awards, and recognition for multiple cutting edge technological patents and product designs.