

S I N C E 1 9 8 7

# THE LEADER IN WHOLE HOME WATER FILTRATION

EWS SPECTRUM SYSTEM  
FILTRATION AND CONDITIONING



HELPING YOU SELECT THE RIGHT PRODUCT  
FOR YOU AND YOUR HOME



ENVIRONMENTAL WATER SYSTEMS

[www.FWSWATER.com](http://www.FWSWATER.com)

# “AMERICA’S WATER IS NOT SAFE. EVERY HOME SHOULD FILTER THEIR WATER FOR DRINKING AND BATHING.”

1

## HEALTHIER HOME & LIFESTYLE

EWS provides clean, quality filtered water throughout the entire home for all uses. EWS enhances the bathing, showering, and/or steam experience and creates a healthier environment for drinking, cooking, absorption, and inhalation for the entire household.

“

Taking showers is a health risk. Showers and baths lead to a greater exposure to toxic chemicals contained in water supplies than does drinking water. The chemicals are absorbed and evaporate out of the water and are inhaled. They can also spread through the house and be inhaled by others.”

— *New Scientist Magazine*

2

## GREEN PRODUCT THAT PAYS FOR ITSELF

EWS replaces expensive bottled water and the need for most other filtration. Plus, EWS filtration media is only replaced up to every 10 years.\* EWS filtration media is eco-friendly, biodegradable and disposable in your garden. Imagine filtered water to your entire home for about the cost of a bottle of water per day. EWS is healthy for your wallet and our planet.



No more bottled water!



Safer home environment!



Healthier skin, hair and body!

3

## PROTECT THE INVESTMENT IN YOUR HOME

EWS Filtration will protect all of your kitchen & bath products and appliances from the ravages of chlorine, chloramines and Volatile Organic Compounds (VOC's) which are harmful to fixtures, finishes, connections, all internal parts — and you.

If you have hard water, EWS Conditioning can inhibit scale formation in water heaters and pipes, solving problems associated with the naturally found calcium and magnesium (hardness) minerals without the use of harmful salts or that “slippery feeling.”

# “EWS WHOLE HOME WATER FILTRATION HAS BECOME THE NEW STANDARD IN EVERY HOME.”

## JUST LIKE CENTRAL HEAT AND AIR CONDITIONING, HOME OWNERS ARE NOW DEMANDING CENTRAL WATER.

As water quality continues to deteriorate throughout the United States and the world, central water - whole home water filtration - is no longer just an option, but a necessary appliance to provide a healthier home environment for your family.

Since 1987, EWS has pioneered central water and is the leader in whole home water filtration.

Home owners are demanding clean, filtered water at every tap throughout the home for all of their daily needs.

## 7 BENEFITS OF EWS CENTRAL WATER FILTRATION

1. Clean, filtered water for all uses throughout the home.
2. Using EWS Central Water ensures protection from the carcinogenic effects of drinking, absorbing and inhaling chlorine and other dangerous chemicals.
3. The use of EWS Central Water is needed as the final means of protection from breakdowns in municipal water treatment and sanitation systems.
4. Using EWS Central Water can alleviate the effects of asthma and allergies by providing chlorine-free filtered water and cleaner air to breathe in the home.
5. EWS Central Water eliminates the need for most sink filtration systems and the gimmicks of small shower head and faucet filters, refrigerator filters, and carafe or pitcher filters.
6. Using EWS Central Water removes the destructive effects of chlorine including dry, brittle hair, aggravated rashes and other skin irritations, and sore, red itchy eyes.
7. EWS Central Water eliminates the need for expensive bottled water and helps preserve the environment.

“Chlorine is used to disinfect water. Exposure through inhalation, ingestion and contact will cause eye, skin and airway irritation, sore throat, cough and corrosive tissue damage of the gastrointestinal tract. Children are at increased risk due to greater lung surface to body weight ratios.”

— New York State Department of Health





# THE EWS SPECTRUM SYSTEM IS THE RIGHT PRODUCT FOR YOU, YOUR FAMILY AND YOUR HOME.

## THE STANDARD IN CENTRAL WATER FILTRATION

This EWS Spectrum System is the right solution for your home. A professional plumber will typically have your new system installed in about two hours, and you can start enjoying EWS quality filtered water at every tap, every day. In addition, EWS Conditioning helps solve problems associated with hard water by inhibiting mineral build-up in pipes and water heaters and allowing an easier clean up of water spotting than with untreated water without the harsh effects of salt softening.

The EWS Spectrum System fits over 90% of homes in the United States with its advanced EWS Adjustable Valve Head and Bypass that accommodates line sizes from 3/4" to 1 1/2" without inhibiting your home's flow rate of up to 35 gallons per minute.

## THE EWS SPECTRUM SYSTEM IS THE ONLY FILTRATION SYSTEM YOU'LL EVER NEED.

This professional-grade system provides maintenance free filtration for up to 10 years based on your local water conditions and usage. Simply replace the biodegradable filtration media and you're good for another 10 years.

The EWS Spectrum System is the professional's choice, providing world-class EWS Filtration and Conditioning performance in a contractor friendly installation package.

**Please Note:** Specify the CWL Spectrum (versus the EWS Spectrum) for those with no real or perceived issues with water hardness (e.g. spotting, build-up, clogged pipes and heaters, etc.).



## ARE YOU ON A PRIVATE WELL?

If you are on unregulated or private well water, you'll need information to determine your water issues and their solutions. Well water requires complete and independent testing.

Speak to your sales associate, call us or visit [ewswater.com](http://ewswater.com) for more information.





# OPTIONS IN ADDITION TO CENTRAL WATER

EWS PROVIDES ADDITIONAL SAFEGUARDS TO HELP MEET YOUR NEEDS, CONCERNS AND LIFESTYLE.



## DRINKING WATER OPTIONS

Although EWS Central Water Filtration is the perfect compliment to most municipal water, our sink units offer additional safeguards based on need or preference in only about 10% of applications.

Drinking Water Filtration Systems filter the water at the point of use, such as the sink, for cooking and drinking only. Choosing the right system is simple and based on local water conditions and your needs and/or preferences.

### OPTION 1 — BETTER

#### FUGAC250 - Removes Lead and Cysts

Used in conjunction with an EWS Whole Home System, the FUGAC250 offers the safeguard of reducing lead and cysts.



### OPTION 2 — BEST

#### UU250 - Removes Lead, Cysts and Safeguards Against Bacteria, Viral, E.coli, and other Microorganisms

Our most popular upgrade provides the same great benefits of the FUGAC250 plus 99.99% effective safeguards against bacteria, viral, E.coli and other microorganisms with our patented UV disinfection.



### OPTION 3 - REVERSE OSMOSIS

#### RU300C18 - Removes Inorganic Contaminants and Naturally Found Minerals

If you prefer a more stripped down or flatter taste to your water or are allergic to the fluoride in city tap water, this system may be right for you. This three-stage reverse osmosis system uses a chlorine tolerant CTA membrane which reduces inorganics, minerals, total dissolved solids, lead and cysts. UV disinfection option available: RU300C18w/UV. Four and five stage options available for well water applications.



## WATER SOFTENING OPTION

In addition to EWS Central Water Filtration, and used in only 9% of all applications, the option of salt softening should be installed to the hot-side only. This provides filtered water throughout the home while restricting the harmful use of the softener to hot water only and reducing the environmental impact due to the brine discharge.

### OPTION — SOFTENING

#### Salt (Sodium Chloride) or Potassium Chloride Softening

If you prefer the “slippery feeling” or other perceived advantages, the EWS Central Water with Softener option is best for you. Softeners strictly soften the water and are not filtration systems. The softening process (ion exchange) substitutes naturally found calcium and magnesium minerals for sodium or potassium chloride. Soft water must avoid the cold/drinking side of any sink, wet bar, ice maker/refrigerator, and hose bibs. Softener trade-offs and disadvantages are many, and door-to-door salesmen and the misinformed can provide skewed or incorrect portrayals of what softened water is all about.

All our softeners have digital metered valves and even though we generally advise against their use, we produce some of the best and most efficient softeners in the industry.

*\*Restrictions may apply to softener usage and discharge. Softeners may effect and/or void warranties on fixtures and finishes, pools, spas, appliances, and certain household/commercial devices.*

*Pictured at right: EWS SPECTRUM SOFT Model No: CS-TT-1054-7000.*



## MY OPTIONS

### SINK FILTRATION OPTIONS

- FUGAC250**  
Better protection for lead and cysts.
- UU250**  
Best protection with additional UV safeguard.
- RU300C18**  
Reverse osmosis based on need or preference.

### SOFTENING OPTIONS

- EWS SPECTRUM SOFT**  
Model No: CS-TT-1054-7000  
For any 3/4-1 1/2" pipe line connection.

# EWS WATER FILTRATION

EWS FILTRATION PROVIDES CLEAN, HEALTHY, QUALITY WATER TO EVERY FAUCET EVERY DAY.

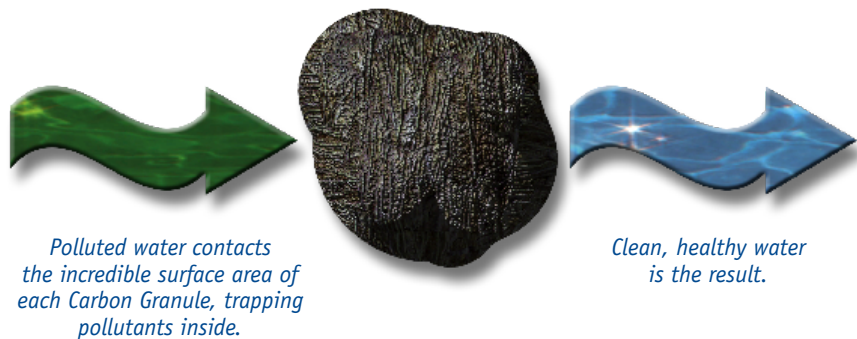
## EWS FILTRATION

- Imagine a bottled drinking water factory for your home for the cost of a single bottle of water per day.
- You have central heat and A/C, now enjoy the upgrade and benefits of "Central Water Filtration."
- Better tasting, chlorine-free water: clean, healthy, quality filtered water to every faucet and tap throughout your home, every day.
- Healthier drinking, cooking, skin absorption and inhalation from all other daily uses.
- Great for all-around usage: bathing, showering, steam, and sauna, providing healthier skin, hair and body systems, and a healthier home environment.

Environmental Water Systems (EWS) filters and conditions all your water to your home for a healthier water environment that also protects your home's pipes, fixtures and appliances.

EWS conditioning causes a physical change in how naturally found calcium and magnesium minerals react in your water and on your surfaces. EWS keeps these essential minerals in your water for a pure, fresh taste while helping to solve the problems associated with hard water.

The Environmental Water System is like having a bottled drinking water factory in your home. Most filtration systems, some of which we also manufacture, are devices that hook directly to the cold water supply under your sink. This provides you with varying degrees of filtered water limited to that tap only. EWS Filtration is designed to provide you with filtered water to the entire home. EWS provides filtered water for your consumption and usage at all your sinks, and filtered water for your consumption, absorption and inhalation during bathing, showering, steam or sauna. EWS Filtration provides a healthier water environment for you, your family, and your home. In addition, EWS Conditioning helps solve those problems associated with hard water without the disadvantages of salt-softening and brine discharge.



*EWS uses medical grade Granular Activated Carbon in every system.*



EWS uses a unique, medical-grade, proprietary Granular Activated Carbon system to filter your water. Activated Carbon has long been recognized as an effective and reliable material for removing impurities. The primary raw material used for activated carbon is a high carbon content organic material.

Physical adsorption is the primary means by which Activated Carbon works to remove contaminants from water. Carbon's highly porous nature provides a large surface area for contaminants (adsorbates) to collect. EWS Granular Activated Carbon is the most effective media for the removal of contaminants from drinking water.

GAC is the preferred method for complete protection of drinking water from trihalomethanes (THMs) and has been proven more than 99% effective. A high medical grade of 12x40, dedusted Granular Activated Carbon with a minimum iodine rating of 1200, has been selected for use in all Environmental Water Systems for optimum filtration.

**Please Note:** Some water districts use chloramine (a combination of chlorine and ammonia) instead of (or in addition to) chlorine to disinfect the water supply. In this instance, we recommend the EWS Chloramine Removal Series. To find out if your water district uses chloramine, simply call and ask, or contact EWS customer service.



# EWS WATER CONDITIONING

EWS CONDITIONING IS THE ALTERNATIVE TO WATER SOFTENING WITHOUT THE HARSH EFFECTS OF SALT (SODIUM CHLORIDE) OR POTASSIUM CHLORIDE

## EWS CONDITIONING

- EWS inhibits scale formation in pipes and water heaters.
- Provides an easier wipe off and clean up of water spotting than with untreated water.
- Uses less soaps and detergents than with untreated water.
- EWS is the environmentally safe alternative to softeners that exchange the essential minerals for the salts of sodium or potassium chloride.
- Nice clean feeling on your skin while bathing and showering without the "slick" feeling from salt-softened water.

## ALL EWS SYSTEMS

- Minimal system maintenance required. Change out bio-degradable filtration (GAC) media and conditioning up to every 10 years, based on local water conditions and usage.
- Automatic backwash using Proprietary Digital Valve Technology self cleans the filtration media and provides years of trouble-free operation all using the power consumption of a doorbell.
- Installed at your main water service line to your home, providing high flow rates to accommodate almost any application.
- Installation by your contractor or plumbing professional can be as easy as installing a traditional water heater.

In each EWS Appliance, water is filtered through the media bed of Granular Activated Carbon (GAC), and then conditioned as it passes through the ICN Conditioner(s) on its way to your home. The ICN Conditioner breaks the calcium and magnesium minerals, that easily adhere to surfaces (including your skin), from the bonds of the water molecules. Once in suspension, the minerals become attracted to each other and form concentric patterns which no longer adhere to surfaces, actively inhibiting scale formation. EWS Conditioning will inhibit scale formation in your pipes and water heaters while making better use of soaps and cleansers and an easier wipe up of water spots in your daily routines.

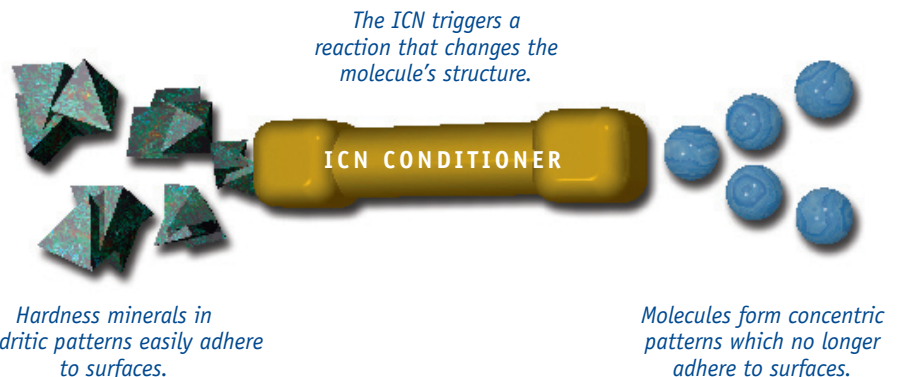
In use worldwide, our catalytic process is called Increased Calcite Nucleation (ICN). Baking soda and other surfactants have been used in soaps and detergents for years to create the same ICN reaction, allowing soaps to work regardless of water conditions.

EWS Conditioning should not be confused with water softening. Softening is the exchange of naturally found minerals for either sodium or potassium chloride. Softening can be very aggressive and has many trade-offs and disadvantages. EWS employs an environmental approach to water hardness issues, while allowing you to enjoy filtered water throughout your home.

Now you can filter and condition water to your entire home without the continual maintenance. Environmental Water Systems uses no salts or other additives and EWS provides filtration for years before GAC media needs replacement.\* EWS saves you money — enjoy the benefits of conditioned and filtered, quality water for fractions of a penny per gallon.

Your professional plumber or builder can install an Environmental Water System to the main water supply of your home in a couple of hours. The EWS Appliance is user friendly and automatically backwashes itself. The EWS System also takes up less room than a soft water system and does not take up vital kitchen cabinet space.

Quality, clean water from every tap, every day. Choose the leader in whole home water filtration since 1987 — Environmental Water Systems.



**Please Note:** The CWL Spectrum has the same medical-grade filtration and performance benefits of the EWS Spectrum, but does not condition the water like the EWS Spectrum does. If you do not have issues with water hardness (e.g. spotting, build-up, clogged pipes and heaters, etc.), the CWL Spectrum is the correct unit for you.

## WHY EWS IS THE LEADER IN WHOLE HOME WATER FILTRATION

Since 1987, Environmental Water Systems has been the leader in Whole Home Water Filtration technologies and is the pioneer in developing Central Water for the home.

Alongside other leading household brands, EWS provides only the finest quality products in over 700 Kitchen & Bath showrooms nationwide. You will never find EWS products in big box warehouse stores or being sold by door-to-door salesmen.

EWS only provides the highest quality products and refuses to lower standards by manufacturing product overseas.

In addition to industry leading quality, EWS has award winning customer service and provides up-to-date information and extraordinary customer support. EWS has nationwide representation providing showrooms with EWS product training for on location service and support.

You will feel safe knowing that we are providing you and your family with only the very best in water filtration and conditioning.



**CLAIM:** Multimedia tanks perform multiple filtration, pH balancing, and water "polishing."

**REALITY:** Effective filtration requires proper contact time through filtration media. When more than one filtration product is incorporated in one tank there is not enough of any one media to effectively remove contaminants as claimed. An effective 5 multimedia tank would need to be over 20 feet tall!

**CLAIM:** Others systems may claim to reduce water usage by not backwashing tank media.

**REALITY:** Not backwashing media reduces filtration, and requires costly and premature media replacement. All filtration media in a tank requires a backwash in order to lift media, effectively filter and maintain surface area for contact time, usage and longevity.



**ENVIRONMENTAL WATER SYSTEMS®**  
The Leader In Whole Home Water Filtration.

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WWW.EWSWATER.COM



FILTRATION MADE IN THE USA.



## WARRANTY

Environmental Water Systems warrants to the original owner that the water treatment system purchased is free from defects in material and workmanship, and under normal use, service conditions and proper installation. Tank and conditioner not to fail due to determined manufacturer defect for 10 years from installation. Automatic timer and valve; not to fail if installed as required for a period of five years. Each unit comes with complete information on the installation, set-up, and care of your EWS unit, as well as additional beneficial consumer information. Product registration is required.

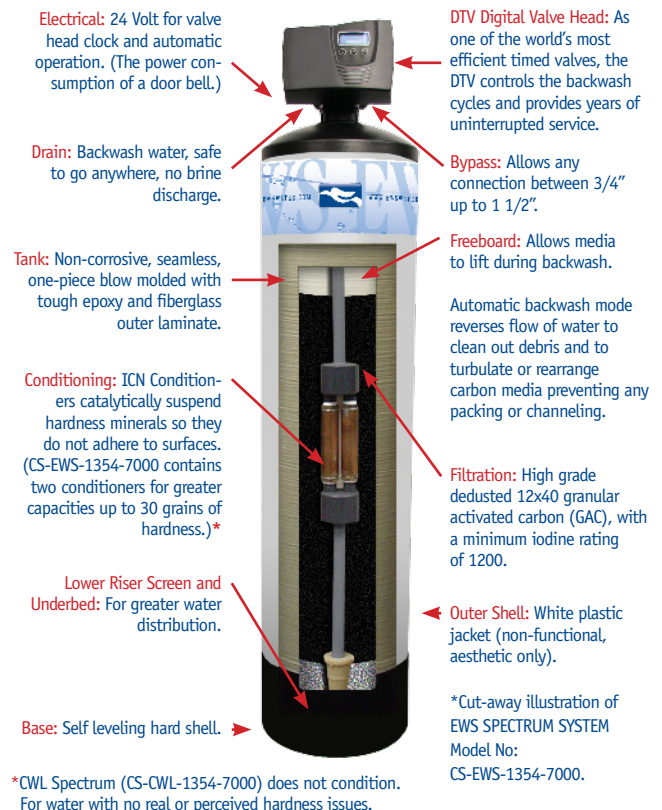
*\*Based on local water conditions and usage.*

*The contaminants or other substances removed or reduced by this water treatment appliance are not necessarily in your water. Performance may vary based on local water conditions. To confirm the presence of any contaminants, have your water supply analyzed by an independent and approved facility. Not intended for use where water is microbiologically unsafe or with water of unknown quality without adequate disinfection before or after the unit. To ensure proper operation, follow installation procedures. Filter maintenance schedule will vary and must be replaced, as necessary, as determined by usage and local water conditions. Ask your local wholesaler, dealer, retailer or EWS Inc. representative for any additional information and help regarding selection, expectations and installation of your Environmental Water System. Commercial, industrial and/or agricultural products are available. Well or adverse water conditions should be independently and completely tested and may be submitted to our corporate offices through your local representative for a complete solution to your problem.*

## INSTALLATION

Installation of these systems is as easy as installing a water heater. Complete information comes with every unit.

### EWS SPECTRUM SYSTEM SCHEMATIC



\*CWL Spectrum (CS-CWL-1354-7000) does not condition. For water with no real or perceived hardness issues.