



ENVIRONMENTAL WATER SYSTEMS®
Quality Water Filtration Crafted in the USA Since 1987.



ESSENTIAL Drinking Water

True protection from toxic contaminants.

- World-class EWS quality and performance.
- Highest quality carbon filtration available.
- Hassle-free and low maintenance.
- Quick and easy installation.
- Meets or exceeds all compliances.
- Removes and reduces chloramine, chlorine, THMs, VOCs, pesticides, lead, cysts, rust, silt, sediment, bacteria and viruses¹, and more.²

Chlorine (a common disinfectant used in USA tap water) and its byproducts are known carcinogens. Drinking them, or inhaling and absorbing them while showering or bathing, is not recommended. The New York State Dept. of Health and President's Cancer Panel recommend water filtration to reduce or eliminate our exposure to these substances.*



SAVE OVER \$500 EVERY YEAR.

The ESSENTIAL replaces over 15,000 plastic water bottles, saving you \$500+ every year.



ULTIMATE PROTECTION.

The ESSENTIAL removes and reduces chloramine, chlorine, dyes, fuels, pharmaceutical residues, lead, cysts, and more.



ENVIRONMENTALLY FRIENDLY.

The ESSENTIAL is recyclable and biodegradable, and prevents plastic water bottle waste in landfills and oceans,



HASSLE-FREE ENJOYMENT.

Enjoy the convenience of quality filtered water right at your sink, anytime you want it.



***FILTER ALL THE WATER IN YOUR HOME WITH ONE SYSTEM.** Every sink, shower, and bath in your home could provide you with the convenience of clean, contaminant-free water. No hassle, no maintenance, no salts or chemicals, and trusted by hospitals, health care centers, military, and private homes worldwide. For EWS Whole Home Filtration, visit www.ewswater.com or call EWS Customer Service at 702-256-8182 (M-F 8 am - 4:30 pm Pacific Time).

TECHNICAL INFORMATION

ESSENTIAL DRINKING WATER FILTRATION SYSTEMS

MODEL #: DWS || MODEL #: DWS-UV

SYSTEM SPECIFICATIONS

OPERATION TEMPERATURE: Maximum 100° F (38° C) / Minimum 40° F (4° C) **OPERATION PRESSURE:** Maximum 75 psi / Minimum 30 psi
SYSTEM FLOW RATE: <1.0 gallons per minute (GPM)

Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Replace your filters and UV lamp annually or as needed (do not exceed 1 year). Install in cold water supply only. Install in compliance with local and state regulations. All installation instructions, service manuals, technical and product information is available online at www.EWSWATER.com

MODEL # REPLACEMENT FILTER SET

DWS **F.SET.DWS** (INCLUDES: F-PRESED, F-GAC, F-GAC-B)

DWS-UV **F.SET.DWS-UV** (INCLUDES: F-PRESED, F-GAC, F-GAC-B, F-LAMP)

**SERVICE LIFE ON FILTERS:
UP TO 1 YEAR.* REPLACE YOUR
FILTERS ANNUALLY OR AS NEEDED. DO
NOT EXCEED 1 YEAR.**

Fully Compliant
with California
No-Lead Standards.

FILTER SPECIFICATIONS

STAGE 1 - ITEM #: F-PRESED

DESCRIPTION: Pre-Sediment (5 Micron)

PURPOSE: Filters out rust, silt, and sediment.

FEATURES & BENEFITS: Enhances the performance of the following filters.

CONSTRUCTION: 100% pure polypropylene fibers. No fillers or binders. Meets FDA requirements for all food and beverage contact.

SERVICE LIFE: 1 year[†] **MAX. FLOW:** <1.0 GPM / 3.4 LPM **MAX. PRESSURE:** 75 PSIG / 5.17 Bar **TEMP. RANGE:** 40-100° F / 4-38° C

STAGE 2 - ITEM #: F-GAC

DESCRIPTION: Pre-Filter Advanced Carbon

PURPOSE: Filters chlorine, chloramine, and VOCs for clear, clean water. Reduces and/or eliminates bad tastes and odors.

FEATURES & BENEFITS: Increased surface area, almost no fines release, enhanced adsorption, excellent performance.

CONSTRUCTION: Advanced carbon.

SERVICE LIFE: 1 year[†] **MAX. FLOW:** <1.0 GPM / 3.4 LPM **MAX. PRESSURE:** 75 PSIG / 5.17 Bar **TEMP. RANGE:** 40-100° F / 4-38° C

STAGE 3 - ITEM #: F-GAC-B

DESCRIPTION: Post-Filter Carbon Block (1 Micron)

PURPOSE: Advanced final stage filter for chlorine, chloramine (chlorine and ammonia compound), lead, cysts, VOCs, and more.

FEATURES & BENEFITS: Increased surface area, enhanced adsorption, excellent performance in a carbon block form.

CONSTRUCTION: Activated carbon block.

SERVICE LIFE: 1 year[†] **MAX. FLOW:** <1.0 GPM / 3.4 LPM **MAX. PRESSURE:** 75 PSIG / 5.17 Bar **TEMP. RANGE:** 40-100° F / 4-38° C

ITEM #: F-LAMP** (OPTIONAL - INCLUDED WITH MODEL #: DWS-UV)

DESCRIPTION: Ultraviolet (UV) Disinfection**

PURPOSE: Kills bacteria, viruses, and other microorganisms.

FEATURES & BENEFITS: Independently tested to reduce E. coli by 99.99992% and micrococcus luteus by 99.93%.

CONSTRUCTION: UV lamp encased in glass and 316 bonded stainless steel interior housing.

SERVICE LIFE: 1 year[†] **MAX. FLOW:** <1.0 GPM / 3.4 LPM
MAX. PRESSURE: 75 PSIG / 5.17 Bar **TEMP. RANGE:** 40-100° F / 4-38° C

Independently lab-tested to meet or exceed NSF/ANSI Standard 42 & 53 for reduction of chlorine, taste, odor, lead, and cysts.

SYSTEM SIZE: 5" deep x 16" tall x 13" wide (allow 4" clearance at the bottom of the unit for filter replacement maintenance)

SHIPPING CARTON SIZE: 14" x 11" x 11"

SHIPPING CARTON WEIGHT: 8 lbs.

The ESSENTIAL comes fully assembled and complete with everything you need for a proper installation: chrome faucet dispenser (finish options available), angle stop valve connection, red and blue tubing (5 ft. each), mounting bracket, and all filters.

¹UV upgraded systems only.

²These substances may or may not be in your water. Please ensure this is the correct system for your needs. Please see included instructions for proper installation and usage.

[†]Filter service life is based on local water conditions and usage.

^{**}UV upgrade is available pre-assembled as model# DWS-UV.

A UV upgrade kit can be added to any DWS system at any time.

Our ESSENTIAL Reverse Osmosis (pictured at right) are available to suit specific water conditions or personal preferences. Please contact EWS Customer Service for more information.



CALL EWS CUSTOMER SERVICE: 702-256-8182 (MONDAY-FRIDAY 8 AM-4.30 PM PACIFIC TIME)
FAX: 702.256.3744 EMAIL: CUSTOMERSERVICE@EWSWATER.COM

WWW.EWSWATER.COM

