



**Professional Series**



## HEATER GUARD Inline Filter

Prolong the life of your water heater and prevent expensive repairs.

Reversible flow for any installation.

- World-class EWS quality and performance.
- Keeps your water heater clean and easy to maintain.
- 5 micron polyphosphate filter is safe and effective: colorless, tasteless, odorless, and 100% FDA-approved food-grade materials.
- Reduces sediment and inhibits scale formation on heating element surfaces.
- Comes completely assembled for quick and easy installation.
- Made in the USA, meets or exceeds all compliances.

*The EWS HEATER GUARD is the best economical and direct approach to preventing sediment and scale issues associated with certain water conditions and water heaters. Plus, it will NOT void or limit any warranty issued by any water heater manufacturer.<sup>1</sup>*



### NO MORE CLOGGING OR SCALE BUILD-UP IN YOUR HEATER.

The **HEATER GUARD** installs easily at the inlet or supply of any water heater and works to keep dirt, rust, silt, sediment out of your water heater.



### PERFECT FOR ALL HEATERS.

Whether you have a tankless water heater, traditional water heater, or more than one heater, use the **HEATER GUARD** to protect them from costly repairs, unplanned maintenance, and replacement.



### PROTECTION FOR YOUR HEATER AND YOUR WALLET.

The **HEATER GUARD** is designed to allow your water heater to function properly at its peak performance. This saves energy, prevents wear and tear, and prevents unplanned maintenance, which all equate to saving you money on utilities and repair bills.



### SAY GOODBYE TO COSTLY REPAIRS AND REPLACEMENTS.

The **HEATER GUARD** was designed with one purpose in mind: to reduce or eliminate the frequency of heater repairs and replacements. Sediment, scale, and corrosion spell the end of a heater's life – prevent the problem, and you prevent having to pay hefty repair bills or paying for a new heater.

**FILTER ALL THE WATER IN YOUR HOME WITH ONE SYSTEM.** Every sink, shower, and bath in your home could provide you with chlorine-free & pollutant-free water. No hassle, no maintenance, no salts or chemicals, and trusted by hospitals, health care centers, military, and private homes worldwide. For more information on EWS Central Water Filtration, visit us online at [www.ewswater.com](http://www.ewswater.com) or call EWS customer service at 702.256.8182 (Mon.-Fri. 8.30 am - 4.30 pm Pacific Time).



# TECHNICAL INFORMATION

## HEATER GUARD PRE-SEDIMENT AND SCALE PROTECTION FOR WATER HEATERS

MODEL #s: EWS-HEATER-GUARD-3/4 and EWS-HEATER-GUARD-1.5

EITHER MODEL CAPABLE OF REVERSIBLE INSTALLATION



### SYSTEM SPECIFICATIONS

OPERATION TEMPERATURE: Maximum 100°F (38°C) / Minimum 40°F (4°C)

OPERATION PRESSURE: Standard working pressure maximum 75 psi / minimum 30 psi

INLET/OUTLET FOR HEATER GUARD 3/4: 3/4" INLET/OUTLET FOR HEATER GUARD 1.5: 1 1/2"

DIMENSIONS OF HEATER GUARD 3/4: 25 3/4" x 5 1/4" DIMENSIONS OF HEATER GUARD 1.5: 29" x 7 1/2"

Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Replace your filter annually or as needed (do not exceed 1 year). Install in cold water applications only [installs inline prior to the water heater(s)]. Install in compliance with local and state regulations.

All installation instructions, service manuals, technical and product information is available online at [www.EWSWATER.com](http://www.EWSWATER.com)

#### MODEL #

#### REPLACEMENT FILTER ITEM #

EWS-HEATER-GUARD-3/4

BB-GUARD-FILTER-3/4

EWS-HEATER-GUARD-1.5

BB-GUARD-FILTER-1.5

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

### FILTER SPECIFICATIONS

#### ITEM #: BB-GUARD-FILTER-3/4

DESCRIPTION: 20" Pre-Sediment (5 Micron) for the Heater Guard 3/4"

PURPOSE: Filters out rust, silt, and sediment and inhibits scale formation in water heaters.

FEATURES & BENEFITS: Enhances performance of water heaters, prevents costly repairs.

CONSTRUCTION: 100% FDA-approved food-grade polyphosphate.

SERVICE LIFE: 1 year *Filter service life is based on local water conditions and usage and should be replaced as needed, not to exceed one year. ‡*

MAX. FLOW: 9.5 GPM / 36 LPM

MAX. PRESSURE: 75 PSIG / 5.17 Bar

TEMPERATURE RANGE: 40-100°F / 4-38°C



COMPONENT

This filter element tested and certified under ANSI/ NSF Standard 42 for materials only.

Fully Compliant  
with California  
No-Lead Standards.

#### ITEM #: BB-GUARD-FILTER-1.5

DESCRIPTION: 20" Pre-Sediment (5 Micron) for the Heater Guard 1.5"

PURPOSE: Filters out rust, silt, and sediment and inhibits scale formation in water heaters.

FEATURES & BENEFITS: Enhances performance of water heaters, prevents costly repairs.

CONSTRUCTION: 100% FDA-approved food-grade polyphosphate.

SERVICE LIFE: 1 year *Filter service life is based on local water conditions and usage and should be replaced as needed, not to exceed one year. ‡*

MAX. FLOW: 20 GPM / 75.7 LPM

MAX. PRESSURE: 75 PSIG / 5.17 Bar

TEMPERATURE RANGE: 40-100°F / 4-38°C

### HEATER GUARD 3/4" SHIPPING DETAILS

SHIPPING CARTON SIZE: 8" W x 8" D x 28" H

SHIPPING CARTON WEIGHT: 7 lbs.

### HEATER GUARD 1.5" SHIPPING DETAILS

SHIPPING CARTON SIZE: 9" W x 9" D x 31" H

SHIPPING CARTON WEIGHT: 14 lbs.

### 3 BEST WAYS TO PROTECT YOUR HEATER

1. **EWS Series.** Inhibits scale formation and protects the entire home and family from the health side-effects and corrosiveness of chlorine, chloramine, VOCs, THMs, and much more.
2. **Heater Guard.** Protects water heaters at the inlet. Combined with an EWS system, it is the perfect application for healthy, hassle-free water to the whole home.
3. **Softener.** Will inhibit scale formation, however, the water becomes aggressive and may have long-term corrosive effects on your water heater.

<sup>1</sup> Under no circumstances does the EWS Heater Guard change or alter the proper application and/or routine maintenance required or recommended by the manufacturer of any product.

‡The filter gauge is based on a pressure differential. It can only be observed while water is flowing through the Heater Guard and will only move when filter cartridge has been prematurely clogged or restricted. The gauge is only a precaution to prevent problems.

Pictured at Right:  
The **HEATER GUARD 1.5**.

Ideal for 1 1/2" plumbing line sizes. Select this model if the home's inlet to the heater has a 1 1/2" or greater line size, or requires greater flow rate. Mounting bracket and gauge are reversible.



MADE IN THE USA

CALL EWS CUSTOMER SERVICE: 702.256.8182 (MONDAY-FRIDAY 8.30 AM-4.30 PM PACIFIC TIME)

FAX: 702.256.3744 EMAIL: [CUSTOMERSERVICE@EWSWATER.COM](mailto:CUSTOMERSERVICE@EWSWATER.COM)

[WWW.EWSWATER.COM](http://WWW.EWSWATER.COM)