



ENVIRONMENTAL WATER SYSTEMS™
AN EWS INC. COMPANY

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



Specifically designed for Tankless or On-Demand Water Heaters (and in use for all water heaters and devices that heat water) the EWS HEATER GUARD provides protection against costly water heater scaling and sediment build-up.

The 5 micron polyphosphate filter cartridge prevents scaling on flash heating surfaces and works in 2 ways. First, by reducing sediment down to 5 microns. Second, by having the water pass the polyphosphate spheres that release a thin protective coating that inhibits scale formation and protects heaters.

Superior filter design increases filter capacity. Filter materials are made of colorless, tasteless and odorless water treatment compounds made with 100% FDA Approved food grade materials. Recommend that filter cartridges be changed annually or when filter change gauge indicates.

Item #: EWS HEATER GUARD-3/4

Filter Replacement Item#: BB-Guard-Filter-3/4

Inlet/Outlet: 3/4"

Max Temp: 100°F

Maximum Pressure:

Flow rate: Up to 9.5 gpm

Dimensions: 25 3/4" x 5 1/4"

Housing rated @ 125 psi, standard working
water pressure not to exceed 75 psi

Item #: EWS HEATER GUARD-1.5

Filter Replacement Item#: BB-Guard-Filter-1.5

Inlet/Outlet: 1 1/2"

Max Temp: 100°F

Maximum Pressure:

Flow rate: Up to 20 gpm

Dimensions: 29" x 7 1/2"

Housing rated @ 125 psi, standard working
water pressure not to exceed 75 psi



The EWS HEATER GUARD installed at the inlet or supply of any water heater will economically do the following:

- ◆ **Prolong the Useful Life of Any Water Heater**
- ◆ **Enhance Heater Efficiency Over Time and Usage**
- ◆ **Heater Stays Cleaner and Easier to Maintain**

**for all tankless, on-demand or traditional water heaters
or other devices where water is heated.**



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The EWS Heater Guard

The EWS Heater Guard is the best approach to preventing or inhibiting sediment and/or scale issues associated with certain water conditions and water heaters.**
EWS, Inc. states that under no circumstances will the EWS Heater Guard void or limit any warranty issued by any manufacturer of any water heater.***



EWS Heater Guard Facts Summary:

- Filter materials are made of colorless, tasteless and odorless water treatment compounds made with 100% FDA Approved food grade materials.
- Filter is sacrificial and will eventually dissolve. Soluble polyphosphate added to water at threshold levels of 3 - 5 ppm can effectively tie up (sequester) divalent ions, preventing reactions and hard scale formation.
- In addition to the scale prevention properties of polyphosphates, a protective coating is formed on all metal surfaces, reducing corrosion and safeguarding against acidity/alkalinity, hardness, chloride, and other factors which effect the corrosion of water equipment and pipes. pH range 6.5 – 9.0.
- Effective for treating scale and corrosion by keeping hardness particles separated so they cannot precipitate and form deposits when heated.
- Equipment stays cleaner and easier to maintain.***
- No Lead Compliant and NSF Standard 42 Compliant Materials
- Maximum benefit is derived when the feed water flows into a holding tank (boiler, tankless or on-demand heater, steam generators, and/or hot water heater) or reservoir which provides a leveling effect on the phosphate concentration.
- Replacement frequency factors include, but are not limited to, TDS, hardness, temperature, usage, flow rate and other known or unknown water conditions. The average filter life expectancy based upon industry standards for residential single home applications is up to 12 months.

**Unlike the use of ion-exchange (softeners), EWS Heater Guard does not use corrosive salts (sodium or potassium chloride) that are exchanged for the naturally found calcium and magnesium minerals (hardness). Unlike softeners, the EWS Heater Guard has no bans or restrictions regarding their use.

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

Complete and Fully Assembled Units Include:

- 20" nominal 5 micron filter with polyphosphate treatment spheres
- Filter change gauge that takes the guess work out of filter replacement
- Double-strength housing and head with integrated bracket (mounting bracket used on 1 1/2" unit) and pressure relief/bleed button
- Filter change spanner wrench.

No Lead Compliant and NSF Standard 42 Compliant Materials



Consider Whole Home or "Central" Water Filtration
Installed on the main service line to the home

"The Professional's #1 Choice"

The Standard in Central Water Filtration Since 1987

The EWS Series

Consult with a sales associate or EWS customer service
for more information on the EWS full catalog of product



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