



# Rinnai®

## SCALE CONTROL SYSTEM

FOR USE WITH RINNAI TANKLESS WATER HEATERS

### Is Your Water Too Hard?

Dissolved minerals found in most water supplies can lead to the formation of mineral scale deposits, or limescale, on exposed surfaces. Depending on your location, you may experience a higher concentration of these scale-forming minerals, resulting in what is commonly called “hard water.” Like most water-fed appliances, Rinnai Tankless Water Heaters can be sensitive to limescale accumulation caused by hard water.

Without proper maintenance, limescale build-up in your tankless water heater leads to a drop in water temperature, requiring more energy to maintain your desired temperature. Extensive use of hard water can also decrease the life expectancy of your tankless unit.

To maintain peak performance and efficiency, Rinnai’s Scale Control System provides limescale and corrosion control by feeding a special blend of compounds into the water stream. This simple, easy-to-use system delivers consistent scale control over a predictable time frame, without the need for electricity.

### How It Works

The Rinnai Scale Control System is installed on the cold water line prior to your tankless unit. As water passes through, a small amount of scale control product is dissolved into the water stream.

Over time, the scale control product is depleted, and the translucent cartridge will indicate that a replacement is needed. Cartridge life depends on cartridge size and water usage, however, in most residential applications, a cartridge typically lasts 10-12 months. The degree of water hardness does not affect the product feed rate.

### Benefits at a Glance

A Rinnai Scale Control System offers many of the same advantages as conventional water softening systems, yet it costs less, requires less space, and requires less maintenance.

Advantages include:

- Controls limescale formation
- Provides corrosion control on wetted surfaces
- This could extend the life of your Rinnai Tankless Water Heater by maintaining peak performance and efficiency
- Reduces equipment maintenance costs
- Compact size and ease of installation



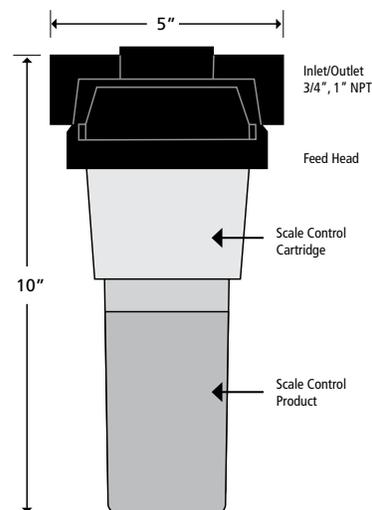
# PRODUCT SPECIFICATIONS

## Models

Part Number	Description	Carton Dimensions	Shipping Weight (lbs)	Max PSI
103000022	Scale Control - Water Heater Only 3/4" feed	10" x 5" x 5"	2.2	120*
103000023	Scale Control - Whole Home 3/4" feed		2.5	
103000024	Scale Control - Whole Home 1" feed		2.5	
103000025	Scale Control Refill - Water Heater Only		1.5	
103000026	Scale Control Refill - Whole Home		1.75	

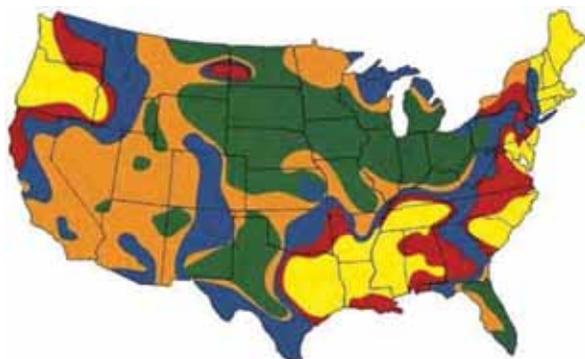
### Call Rinnai for commercial applications

\*Verify that the water pressure does not exceed 120 psi. Use a pressure regulator if necessary.



**NOTE:** Installation on cold water line only. Do not install the unit where it is exposed to direct sunlight. If installed outdoors, ensure the system is covered or protected from exposure to direct sunlight and freezing.

## United States Water Hardness Map



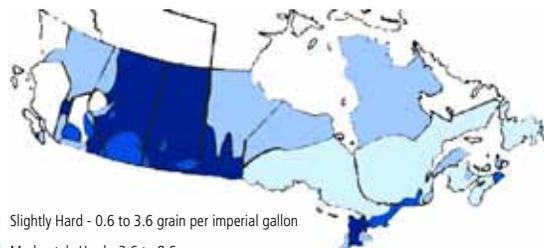
Reference:

[http://www.qualitywatertreatment.com/city\\_water\\_guide.htm](http://www.qualitywatertreatment.com/city_water_guide.htm)

*NOTE: This map is for general use, for specific information, please contact local water authorities.*

Over 11 gpg	Extremely Hard
10 to 14 gpg	Very Hard
7 to 10 gpg	Hard
3 to 7 gpg	Moderately Hard
Less than 3 gpg	Slightly Hard

## Canada Water Hardness Map



Slightly Hard - 0.6 to 3.6 grain per imperial gallon
Moderately Hard - 3.6 to 8.6
Hard - 8.6 to 14.4
Very Hard 14.4 and over

Source: siftocanada.com

Rinnai is continually updating and improving products; therefore, specifications are subject to change without prior notice. Local, state, provincial and federal codes must be adhered to prior to and upon installation.

## FOR MORE INFORMATION ON RINNAI PRODUCTS

## ADDITIONAL RINNAI LITERATURE AVAILABLE



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