



April 2, 2012

WATERBOSS  
CHRIS HUGHES  
4343 S HAMILTON RD  
GROVEPORT OH 43125

Re: Description: WATER TREATMENT DEVICE - POE SOFTENER  
Manufacturer: WATERBOSS  
Product Name: WATERBOSS  
Model Number(s): 950  
Product File No: 20120071

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters SPS 382 through 384, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. This approval is valid until the end of April 2017.

This approval supersedes the approval issued on May 17, 2007 under product file number 20060082.

This approval is contingent upon compliance with the following stipulation(s):

- This product has undergone sufficient testing to document the product's ability to reduce only those contaminants and/or substances as specified in this approval letter when the product is installed and maintained in strict accordance with the manufacturer's published instructions.
- Where the Department of Natural Resources (DNR) has jurisdiction, a written approval may be required prior to installation of this product in a water supply system to reduce the concentration of a contaminant that exceeds the primary drinking water standards contained in ch. NR 809, Wis. Admin. Code, the enforcement standards contained in ch. NR 140, Wis. Admin. Code, or for a water supply system that is subject to a written advisory opinion by the DNR. For more information contact the DNR Section of Private Water Systems, P.O. Box 7921, Madison, WI 53707, telephone (608) 267-9787.
- If this approved device is modified or additional assertions of function or performance are made, then this approval shall be considered null and void, unless the change is submitted to the department for review and the approval is reaffirmed.
- These cation exchange water softeners shall be sized, installed, programmed and maintained such that wastewater volumes, total dissolved solids and chloride discharges are minimized.
- At the time of installation, these devices shall be provided with an effective means to warn the users when they are not performing their function. This shall be accomplished by one of the following:
  1. sounding and alarm or flashing a light, each connected to an acceptable power source;
  2. providing a sampling kit for analysis of hardness or other appropriate contaminants; or
  3. providing a hardness monitor.
- These devices shall not be installed on water supplies with a pH of 6.5 or less.

- When treating water for regulated contaminants no bypass piping, integral to the device or otherwise, is permitted.

If these devices are installed for the purposes of barium and/or radium reduction, then both the blending and bypass valves shall be maintained in the fully closed position at all times. Both the blending and bypass valves shall be permanently disabled in a manner that precludes the bypass of untreated water.

For the blending valve, it is suggested the valve be set fully counterclockwise and the screwdriver slot removed either by filling the slot with a compatible filling material (e.g. Loctite®) or destroying it with a drill bit.

For the bypass valve, it is suggested that the valve be placed fully in the service position and then the self-tapping screw in the blue handle removed and disposed of.

Based on testing data submitted to and reviewed by the department, this approval recognizes that this plumbing product will reduce the concentration of contaminants as specified on pages 1 through 2 of this letter.

**WATER SOFTENING CAPABILITIES  
 PRODUCT FILE NUMBER 20120071  
 TABLE 1 OF 1**

Model Numbers	Capacity*								Max. Rated Service Flow Rate gpm @ psig
	Rating 1		Rating 2		Rating 3		Rating 4		
Metered	Grains	Pounds	Grains	Pounds	Grains	Pounds	Grains	Pounds	
950	5,500	1.0	2.5	10,400	6.5	17,000	22,100	12.0	8.0 @ 15.0

\* The softener capacity rating is based on grains of hardness, due to calcium and magnesium cations, removed (as calcium carbonate) while producing soft water between successive regenerations and is related to the pounds of salt required for each regeneration. The tests run to generate the hardness reduction data for table 1 were conducted in accordance with NSF Standard 44.

This device is also approved for the reduction of barium up to a maximum influent concentration of 10 mg/l and radium up to a maximum concentration of 25 pCi/l. This device is also approved for the reduction of free chlorine up to a maximum concentration of 2.0 mg/l. All testing was conducted by NSF International.

This device was tested under controlled laboratory, or field, conditions. The actual performance of this device for a specific end use installation will vary from the tested conditions based on local factors such as water pressure, water temperature and water chemistry.

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

Glen W. Schlueter  
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