



April 30, 2013

SOFT WATER INC.
STEVE MACKIE
1344 WHITE ROCK AVE
PO BOX 343
WAUKESHA WI 53187

Re: Description: WATER TREATMENT DEVICE - POE SOFTENER
Manufacturer: SOFT WATER INC.
Product Name: FT WM MONITOR SERIES
Model Number(s): FT16WM, FT24WM, FT32WM, FT40WM, FT48WM, FT64WM, FT96WM, FT16WMse, FT24WMse, FT32WMse, FT40WMse, FT48WMse, FT64WMse AND FT96WMse
Product File No: 20130053

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 2018.

This approval supersedes the approval issued on June 6, 2008 under product file number 20070508.

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 these approved devices are 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.
- The end users of these devices shall receive an owner's manual and installation instructions at each installation

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

**WATER SOFTENING CAPABILITIES
 PRODUCT FILE NUMBER 20130053
 TABLE 1 OF 1**

Model Numbers		Capacity*						Flow Rate vs. Pressure Loss
Monitor Series		Rating 1		Rating 2		Rating 3		
Metered	Metered	Grains	Pounds	Grains	Pounds	Grains	Pounds	gpm @ psig
FT16WM	FT16WMse	6,000	1.2	12,900	4.5	15,500	7.5	6.0 @ 9.8
FT24WM	FT24WMse	9,200	1.8	19,400	6.8	23,300	11.3	8.0 @ 11.8
FT32WM	FT32WMse	12,200	2.4	25,800	9.0	31,000	15.0	10.0 @ 12.9
FT40WM	FT40WMse	15,200	3.0	32,300	11.3	38,800	18.8	11.0 @ 13.8
FT48WM	FT48WMse	18,300	3.6	38,800	13.6	46,600	22.6	10.0 @ 12.9
FT64WM	FT64WMse	24,400	4.8	51,700	18.1	62,200	30.1	12.0 @ 13.8
FT96WM	FT96WMse	36,600	7.2	77,500	27.1	93,100	45.1	12.0 @ 13.0

* 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 data for table 1 were conducted in accordance with WQA Standard S-100-85.

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
 Plumbing Product Reviewer
 Department of Safety and Professional Services
 Division of Industry Services
 Bureau of Technical Services
 (608) 267-1401 Phone
 (608) 266-2602 Fax
 glen.schlueter@wi.gov E-mail