



Jim Doyle, Governor
Cory L. Nettles, Secretary

January 13, 2005

FOX WATER SOFTENER, INC.
RAY T. MAYNE
1017 N SHERMAN AVE
MADISON WI 53704

Re: Description: WATER TREATMENT DEVICE- SOFTENER
Manufacturer: FOX WATER SOFTENER, INC.
Product Name: WHITE FOX
Model Number(s): M16P, M24P, M32P, M48P, M24DP, M32DP AND M48DP
Product File No: 20040412

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters Comm 82 through 84, 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 January 2010.

This approval supercedes the approval issued on July 16, 1999 under product file number 19990335.

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 manufacturers published instructions.
- For buildings not served by a municipal water supply, Department of Natural Resources (DNR) 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) 266-3415.
- 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, total dissolved solids and chloride discharges are minimized.

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 20040412
 TABLE 1 OF 1**

Model Numbers		Capacity*						
White Fox Series		Rating 1		Rating 2		Rating 3		Flow Rate
DP (DIR)	P (Time Clock)	Grains	Pounds	Grains	Pounds	Grains	Pounds	gpm @ psig
-	M16P	11,700	4.5	13,700	6.0	15,400	7.5	8.0 @ 9.8
M24DP	M24P	14,100	4.5	16,300	6.0	20,300	9.0	10.0 @ 12.2
M32DP	M32P	18,800	6.0	22,900	9.0	26,700	12.0	13.1 @ 15.0
M48DP	M48P	28,200	9.0	32,500	12.0	37,500	15.0	12.2 @ 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 verify the data for table 1 of 1 were conducted in accordance with WQA standard S-100-85, which has since been retired.

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 that may result from its use.

Sincerely,

Glen W. Schlueter
 Engineering Consultant-Plumbing Product Reviewer
 Bureau of Integrated Services
 Safety and Buildings Division
 Department of Commerce
 (608) 267-1401 **Phone**
 (608) 267-9566 **Fax**
 gschlueter@commerce.state.wi.us **Email**
 8:00AM – 4:30PM CT **Work Hours**

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