



October 15, 2014

WATER RIGHT INCORPORATED - CUSTOM CARE
CUSTOM CARE
KURTT GRUETT
1900 PROSPECT COURT
APPLETON WI 54914-9000

Re: Description: WATER TREATMENT DEVICE - SOFTENER/CATION EXCHANGE
Manufacturer: WATER RIGHT INCORPORATED - CUSTOM CARE
Product Name: CUSTOMCARE 1400 SERIES
Model Number(s): 1421, 1431, 1441, 1451, 1461, 1422, 1432, 1442, 1452, 1462, 1423, 1433, 1443, 1453,
1463, 1424, 1434, 1444, 1454 AND 1464 (POE)
Product File No: 20140303

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 October 2019.

This approval supersedes the approval issued on July 14, 2009 under product file number 20090220.

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.
- Operation of these devices at flow rates above the rated service flow rates specified within this approval letter are not supported or acknowledged by this approval. The rated service flow rates are the flow rates at which these devices were tested.

Because the level of treatment obtained is, in part, a function of how long the water is in contact with the treatment media within these devices, arbitrary increases in the flow rates above the rated service flow rates may compromise the quality of the treated water.

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 20140303
 TABLE 1 OF 1**

Model Numbers		Capacity*						Flow Rate vs. Pressure Loss
Series 1400		Rating 1		Rating 2		Rating 3		gpm @ psig
Metered	Time Clock	Grains	Pounds	Grains	Pounds	Grains	Pounds	
1422	1421	12,366	3.0	19,201	6.8	26,185	11.3	7.0 @ 15.0
1432	1431	16,664	4.0	28,350	9.0	34,105	15.0	9.6 @ 15.0
1442	1441	20,805	5.0	35,438	11.3	42,631	18.8	9.2 @ 14.8
1452	1451	24,966	6.0	42,525	13.5	51,158	22.5	8.6 @ 14.7
1462	1461	33,288	6.0	56,700	18.0	68,210	30.0	11.1 @ 15.0
1423	-	12,366	3.0	19,201	6.8	26,185	11.3	7.0 @ 15.0
1433	-	16,664	4.0	28,350	9.0	34,105	15.0	9.6 @ 15.0
1443	-	20,805	5.0	35,438	11.3	42,631	18.8	9.2 @ 14.8
1453	-	24,966	6.0	42,525	13.5	51,158	22.5	8.6 @ 14.7
1463	-	33,288	6.0	56,700	18.0	68,210	30.0	11.1 @ 15.0
1424	-	12,366	3.0	19,201	6.8	26,185	11.3	7.0 @ 15.0
1434	-	16,664	4.0	28,350	9.0	34,105	15.0	9.6 @ 15.0
1444	-	20,805	5.0	35,438	11.3	42,631	18.8	9.2 @ 14.8
1454	-	24,966	6.0	42,525	13.5	51,158	22.5	8.6 @ 14.7
1464	-	33,288	6.0	56,700	18.0	68,210	30.0	11.1 @ 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 data for table 1 were conducted in accordance with NSF Standard 44.

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
 Environmental Engineer - Plumbing Product Reviewer
 Department of Safety and Professional Services
 Division of Industry Services
 Bureau of Technical Services
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