



July 3, 2014

WATER RIGHT INCORPORATED
KURT GRUETT
1900 PROSPECT COURT
APPLETON WI 54914

Re: Description: WATER TREATMENT DEVICE - ANION EXCHANGE
Manufacturer: WATER RIGHT INCORPORATED
Product Name: ELAN AND HOSTESS NITRATE REMOVAL SYSTEMS (POE)
Model Number(s): UE1010N, UE1220N, UH1010N AND UH120N (POE)
Product File No: 20140184

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 July 2019.

This approval supersedes the approval issued on June 22, 2009 under product file number 20090182.

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 devices shall be programmed for a 25 percent minimum reserve capacity.
- When these devices are installed on copper water supply systems, the copper piping downstream of the these treatment devices must be protected from corrosion due to the lack of alkalinity. Alkalinity is required to stabilize copper piping via the formation of an inert passivating layer.

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.

**NITRATE REDUCTION CAPABILITIES
PRODUCT FILE NUMBER 20140183
TABLE 1 OF 1**

Flow rates: UE1010N = 5.0 gallons per minute (gpm) @ 6.5 pounds per square inch gauge (psig)
UE1220N = 10 gpm @ 23 psig
UH1010N = 5.0 gpm @ 5.0 psig
UH1220N = 10 gpm @ 21 psig

Model Numbers		Capacity*	
Nitrate Reduction Systems		Rating 1	
Elan Series	Hostess Series	Grains	Pounds
UE1010N	UH1010N	16,000	9.0
UE1220N	UH1220N	32,000	18.0

* The capacity ratings are based on the grains of nitrate (NO_3^-) as N and sulfate (SO_4^{2-}) expressed in grains per gallon (gpg) as calcium carbonate (CaCO_3) and is related to the pounds of salt required for each regeneration.

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
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