



April 8, 2013

CULLIGAN INTERNATIONAL
YE LIU
9399 W. HIGGINS ROAD, STE 1100
ROSEMONT IL 60018

Re: Description: WATER TREATMENT DEVICE - POE OXIDIZING
Manufacturer: CULLIGAN INTERNATIONAL
Product Name: HIGH EFFICIENCY SULFUR CLEER FILTERS
Model Number(s): 10" FIBERGLASS AND 10" QUADRA HULL
Product File No: 20130073

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 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.
- If these devices are installed on a plumbing system served by a private onsite waste treatment system (i.e. POWTS), then the use of bleach as a regenerant shall be minimized. This is because excessive levels of free chlorine have an adverse effect on the microorganisms that digest wastes within the POWTS system.

Excessive use of bleach, regardless of the source, may lead to a premature failure of a POWTS.

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.

**AESTHETIC CONTAMINANT REDUCTION CAPABILITIES
PRODUCT FILE NUMBER 20130073
TABLE 1 OF 1**

Flow Rate: 18.9 liters per minute (lpm) [5.0 gallons per minute (gpm)]
Capacity: 3,785 liters (l) [1,000 gallons (gals.)]

Tested Contaminant	Influent Challenge (mg/l) ¹
Hydrogen sulfide (H ₂ S)	8.0 ± 20%
Dissolved Iron (Fe ⁺²)	10.0 ± 15%

Other Conditions: the contaminant reduction performance capabilities displayed for Table 1 of 1 were verified by testing conducted by the Water Quality Association in accordance with a modified version of ANSI/NSF Standard 42. To qualify for hydrogen sulfide reduction, the device must reduce the influent challenge concentrations such that all effluent concentrations are ≤ 0.05 mg/l. To qualify for dissolved iron reduction, the device must reduce the influent challenge concentrations such that all effluent concentrations are ≤ 0.3 mg/l.

¹ = milligrams per liter (mg/l) are equivalent to parts per million (ppm)
± = plus or minus

≤ = less than or equal to

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
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