



Jim Doyle, Governor
Cory L. Nettles, Secretary

July 21, 2004

CULLIGAN INTERNATIONAL
SARAH ZROUT
2375 SANDERS RD
NORTHBROOK IL 60062

Re: Description: WATER TREATMENT DEVICE-ACTIVATED CARBON
Manufacturer: CULLIGAN INTERNATIONAL
Product Name: CULLIGAN SUPER S WATER FILTER
Model Number(s): 10-INCH
Product File No: 20020253

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 July 2009.

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.
- If free chlorine, or hydrogen peroxide, is used to regenerate this device, then his device shall discharge regenerative effluent to municipal sanitary sewer systems only.

If free chlorine, or hydrogen peroxide, is used to regenerate this device, then this device shall not discharge regenerative effluent to a Private Onsite Waste Treatment System (POWTS).
- For the purposes of plumbing system sizing, and the sizing of this device, only the rated service flow rate and corresponding pressure loss shall be used. For this device the rated service flow is 5.0 gallons per minute (gpm) with a pressure loss of 4.0 pounds per square inch gauge (psig).

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

**AESTHETIC CONTAMINANT REDUCTION CAPABILITIES
PRODUCT FILE NUMBER 20020253
TABLE 1 OF 1**

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

Tested Contaminant	Average Influent Challenge (mg/l)¹
Dissolved iron (Fe ⁺²)	8.6

Other Conditions: the contaminant reduction performance capabilities displayed for Table 1 of 1 was verified by testing conducted in accordance with Water Quality Association (WQA) Standard S-200. To qualify for dissolved iron reduction, the device must reduce the influent challenge concentrations such that all effluent concentrations are ≤ 0.3 mg/l. This device is approved for the reduction of dissolved iron only. This device is not approved for the reduction of bacterial, organically bound or particulate forms of iron. This device is not approved for the reduction of hydrogen sulfide or manganese.

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

\leq = less than or equal to

\pm = plus or minus

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 CDT **Work Hours**

GWS:gws