SAFETY AND BUILDINGS DIVISION
Plumbing Product Review
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Wisconsin
Department of Commerce

**Jim Doyle, Governor**
**Cory L. Nettles, Secretary**

March 3, 2005

CULLIGAN INTERNATIONAL
RESEARCH AND DEVELOPMENT
ANNA K. LEVOY
ONE CULLIGAN PKWY
NORTHBROOK IL 60062-6209

Re: Description: WATER TREATMENT DEVICE-ACTIVATED CARBON
Manufacturer: CULLIGAN INTERNATIONAL
Product Name: CULLIGAN GOLD SERIES
Model Number(s): 9" CULLAR AND 10" CULLAR
Product File No: 20050004

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 March 2010.

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.

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 20050004**
**TABLE 1 OF 1**

**Flow Rates:** 9" Cullar = 15.1 liters per minute (lpm) @ 13.8 kilopascals (kPa)
[4.0 gallon per minute (gpm) @ 2.0 pounds per square inch gauge (psig)]

10" Cullar = 22.7 liters per minute (lpm) @ 41.4 kilopascals (kPa)
[6.0 gallon per minute (gpm) @ 6.0 pounds per square inch gauge (psig)]

**Capacities:** 9" Cullar = 454,249 liters (l) [120,000 gallons (gals.)]
10" Cullar = 681,374 liters (l) [180,000 gallons (gals.)]

| Tested Contaminant | Influent Challenge (mg/l) [1] |
|---|---|
| Chlorine (free) | 2.0 ± 10% |

**Other Conditions**: the contaminant reduction performance capabilities displayed for Table 1 of 1 were verified by testing conducted in accordance with WQA Standard S-200. To qualify for free chlorine reduction, the device must reduce the influent challenge concentrations by ≥ 75%; meeting the free chlorine reduction requirements also qualifies the device for the reduction of aesthetic, organic, taste and odor reduction (e.g. geosmin, methylisoborneol); this does not include hydrogen sulfide.

**1** = milligrams per liter (mg/l) are equivalent to parts per million (ppm) **≥** = greater than or equal to
**±** = 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
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Safety and Buildings Division
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