



Jim Doyle, Governor
Mary P. Burke, Secretary

November 14, 2006

GE WATER & PROCESS TECHNOLOGIES
ZENON CONSUMER PRODUCTS
ANDREAS DRAESNER
3239 DUNDES STREET WEST
OAKVILLE, ONTARIO, L6M4B2
CANADA

Re: Description: WATER TREATMENT DEVICE-ULTRA FILTRATION
Manufacturer: GE WATER & PROCESS TECHNOLOGIES
Product Name: GE HOMESPRING CENTRAL WATER FILTRATION SYSTEM
Model Number(s): UFC 211C, UFC 209C AND UFC 207C
Product File No: 20060413

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 November 2011.

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.
- 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) 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.
- These devices must be installed on microbiologically safe water supplies only.

These devices is approved for cyst/ooocyst reduction, and, the specific cysts covered by this approval are specified in Table 2 of 2 of this letter.

These devices are not approved for the reduction of any other type of microorganism. This means that these devices are not approved for treating microbiologically unsafe water, bacteria, viruses, or protozoa other than those specified in Table 2 of 2 of this letter.

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 3 of this letter.

**AESTHETIC CONTAMINANT REDUCTION CAPABILITIES
 PRODUCT FILE NUMBER 20060413
 TABLE 1 OF 2**

Flow Rates: UFC 207C = 22.7 liters per minute (lpm) [6.0 gallon per minute (gpm)]
 UFC 209C = 34.1 lpm (9.0 gpm)
 UFC 211C = 41.6 lpm (11.0 gpm)

Capacities: UFC 207C = 246,052 liters (l) [65,000 gallons (gals)]
 UFC 209C = 378,541 l (100,000 gals)
 UFC 211C = 492,104 l (130,000 gals)

For particulate reduction the capacity is dependent on the type and quantity of particulate matter present in the untreated water; the need for maintenance may be indicated by a significant decrease in flow rate.

Tested Contaminant	Influent Challenge (mg/l)*, 1
Chlorine (free)	2.0 ± 10%
Particulates (0.5 to < 1.0 µm)	≥ 1.0 x 10 ⁴ #/ml

Other Conditions: the contaminant reduction performance capabilities displayed for Table 1 of 2 were verified by testing conducted in accordance with NSF *International* Standard 42. To qualify for free chlorine reduction, the device must reduce the influent challenge concentrations by ≥ 50%; 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. To qualify for particulate reduction (Class I) the device must reduce the influent challenge concentrations by ≥ 85%.

1 = milligrams per liter (mg/l) are equivalent to parts per million (ppm)
 ≥ = greater than or equal to
 ± = plus or minus
 #/ml = particles per milliliter

< = less than
 µm = micrometers
 * = unless otherwise specified

**HEALTH EFFECTING BIOLOGICAL CONTAMINANT REDUCTION CAPABILITIES
 PRODUCT FILE NUMBER 20060413
 TABLE 2 OF 2**

Flow Rates: UFC 207C = 22.7 lpm (6.0 gpm)
 UFC 209C = 34.1 lpm (9.0 gpm)
 UFC 211C = 41.6 lpm (11.0 gpm)

Capacities: dependent on the type and quantity of particulate matter present in the influent water; the need for maintenance may be indicated by a significant decrease in flow rate.

Tested Contaminant	Influent Challenge (#/ml)
Cysts/Oocysts ¹	≥ 5.0 x 10 ⁴

Other Conditions: the contaminant reduction performance capabilities displayed for Table 2 of 2 were verified by testing conducted in accordance with NSF *International* Standard 53. To qualify for cyst/oocyst reduction, the device must reduce the influent challenge concentrations by ≥ 99.95% at each sample point.

1 = the specific organisms covered under this testing protocol include cryptosporidium parvum, entamoeba histolytica, giardia lamblia and toxoplasma gondii
 ≥ = greater than or equal to
 #/ml = particles per milliliter

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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
Engineering Consultant-Plumbing Product Reviewer
Bureau of Integrated Services
Safety and Buildings Division
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GWS:gws