



DIVISION OF INDUSTRY SERVICES  
Plumbing Product Review  
P.O. Box 2658  
Madison, Wisconsin 53701-2658  
**TTY: Contact Through Relay**

**Scott Walker, Governor**  
**Dave Ross, Secretary**

January 16, 2013

GENERAL ELECTRIC  
APPLIANCES  
JIM WHITE  
AP35-1312 APPLIANCE PARK  
LOUISVILLE KY 40225

PENTAIR RESIDENTIAL FILTRATION LLC  
GARTH BABCOCK  
5730 N. GLEN PARK ROAD  
MILWAUKEE WI 53209

Re: Description: WATER TREATMENT DEVICE - POU ACTIVATED CARBON  
Manufacturer: PENTAIR RESIDENTIAL FILTRATION LLC  
Product Name: GE  
Model Number(s): GX1SO1R USING THE FXUTC CARTRIDGE  
Product File No: 20120395

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 January 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 this approved device is 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 the treatment components of this device (e.g., replacement cartridge) are replaced with anything other than those originally approved for use with this device, then this approval shall immediately be considered null and void.

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 20120395**  
**TABLE 1 OF 1**

**Flow Rate:** 3.8 liters per minute (lpm) [1.0 gallons per minute (gpm)]  
**Capacity:** 11,356 liters (l) [3,000 gallons (gals.)] for free chlorine. For particulate reduction, 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 (mg/L) <sup>*, 1</sup>
Chlorine (free)	2.0 ± 10%
Particulates (0.5 to < 1.0 µm)	1.0 x 10 <sup>4</sup> #/mL

**Other Conditions:** the contaminant reduction performance capabilities displayed for Table 1 of 1 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 concentration by ≥ 85%.

<sup>1</sup> = milligrams per liter (mg/L) are equivalent to parts per million (ppm)

≥ = greater than or equal to

\* = unless otherwise specified

± = plus or minus

< = less than

µm = micrometers

#/mL = particles per milliliter

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  
Department of Safety and Professional Services  
Division of Industry Services  
Bureau of Technical Services  
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