

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460



OFFICE OF  
AIR AND RADIATION

February 3, 2011

Dear ENERGY STAR® Residential Dishwasher Manufacturers and Other Interested Parties:

The U.S. Environmental Protection Agency (EPA) is pleased to share with you the attached Draft 2 Version 5.0 ENERGY STAR Residential Dishwasher Product Specification. The Draft 2 Version 5.0 specification incorporates the following key changes:

- **Proposed Energy and Water Requirements for Standard Dishwashers:**
  - Tier 1:  $\leq 295$  kWh/year and  $\leq 4.25$  gallons of water/cycle
  - Tier 2:  $\leq 280$  kWh/year and  $\leq 4.00$  gallons of water/cycle
- **Proposed Energy and Water Requirements for Compact Dishwashers:**
  - Tier 1:  $\leq 222$  kWh/year and  $\leq 3.50$  gallons of water/cycle
  - Tier 2:  $\leq 200$  kWh/year and  $\leq 2.75$  gallons of water/cycle
- **Proposed Tier 1 Cleaning Performance Reporting Requirement:**

EPA is proposing that under Tier 1, cleaning performance be assessed concurrently with the U.S. Department of Energy (DOE) test of energy and water consumption during the sensor heavy response load run and reported to the ENERGY STAR program.
- **Proposed Tier 2 Cleaning Performance Minimum Performance Requirement:**

EPA is proposing that under Tier 2, products be required to meet a minimum level of cleaning performance to qualify for ENERGY STAR. To support full implementation of this requirement, EPA will initiate a stakeholder process in late 2011 to select a final cleaning performance test method and establish minimum qualification requirements.

Note that these proposed Version 5.0 Tier 1 levels are intended to supersede the Version 4.1 Tier 2 requirements that were scheduled to take effect on July 1, 2011. Additional details regarding each of these changes and EPA's rationale are included in note boxes throughout the draft specification document.

**Draft 2 Webinar**

EPA plans to host a webinar on **Tuesday, February 22, 2011**, from 1:00 to 3:00 PM ET to discuss the Draft 2 specification and address stakeholder questions. Stakeholders are encouraged to inform EPA of any industry events that may conflict with this proposed date. To RSVP, please email [appliances@energystar.gov](mailto:appliances@energystar.gov). Further details and a detailed agenda will be distributed to confirmed attendees in advance of the meeting.

### Comment Submittal

Stakeholders are encouraged to provide written comments for EPA consideration to [appliances@energystar.gov](mailto:appliances@energystar.gov) by **Friday, March 4, 2011**. EPA also welcomes comments on considerations not discussed in the text boxes. All comments will be posted to the ENERGY STAR Product Development website unless the submitter requests otherwise.

### Revision Schedule

EPA's anticipated schedule for the residential dishwasher specification revision is as follows:

October 26, 2010	Stakeholder meeting on Draft 1 specification
November 10, 2010	Comment period closed on Draft 1 specification
February 2, 2011	Draft 2 specification distributed
February 22, 2011	Stakeholder webinar on Draft 2
March 4, 2011	Comment period closes on Draft 2
March 2011	Final Draft specification distributed, comment period
April 2011	Final Version 5.0 specification posted
January 1, 2012	Version 5.0 Tier 1 requirements effective

As a reminder, as of January 1, 2011 all new products must be certified by an EPA-recognized Certification Body (CB) before being labeled and marketed as ENERGY STAR.<sup>1</sup> Upon satisfactory completion of all certification requirements, a CB will notify the Partner that the product is ENERGY STAR qualified and will submit qualified product data to EPA for listing on the ENERGY STAR website. For more information on the Third-party Certification program please visit [www.energystar.gov/3rdpartycert](http://www.energystar.gov/3rdpartycert).

Please direct any specific questions to Amanda Stevens, EPA, at [stevens.amanda@epa.gov](mailto:stevens.amanda@epa.gov) or 202-343-9106, or Ryan Fogle, D&R International, at [rfogle@drintl.com](mailto:rfogle@drintl.com) or 301-588-9387. Thank you for taking the time to review this draft specification.

Thank you for your continued support of ENERGY STAR.

Sincerely,



Amanda Stevens  
U.S. Environmental Protection Agency  
ENERGY STAR Appliance Program

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<sup>1</sup> For a number of product categories, including residential dishwashers, manufacturers may add new models to families previously qualified by EPA without additional testing. For more information see FAQ:  
<http://energystar.supportportal.com/ics/support/default.asp?deptID=23018&task=knowledge&folderID=1445>