



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

OFFICE OF
AIR AND RADIATION

September 14, 2012

Dear ENERGY STAR® Water Cooler Partner or Other Interested Stakeholder,

The U.S. Environmental Protection Agency (EPA) is pleased to share with you the attached Draft 1 ENERGY STAR Version 2.0 Water Cooler specification and Final ENERGY STAR Water Cooler Test Method (Rev. Sept-2012). Stakeholders are encouraged to provide comments on the Draft 1 Version 2.0 specification **by October 12, 2012**.

With this draft, EPA is proposing levels for On Mode with No Water Draw based on the performance of products on EPA's ENERGY STAR Qualified Product List (QPL). Additionally, EPA is assembling data reflective of products' performance in On Mode with Water Draw mode. This data will inform EPA's decision regarding inclusion of On Mode with Water Draw efficiency criteria in the next draft of this specification. EPA wishes to understand better the savings opportunity associated with an ENERGY STAR focus on On Mode with Water Draw mode including the time products remain in On Mode with Water Draw before returning to a low power state. Lastly, EPA is seeking data on the cost associated with testing On Mode with Water Draw.

EPA understands that some stakeholders may wish to test product performance and the effectiveness of the new Test Method for On Mode with No Water Draw. EPA will consider all data developed using the Final ENERGY STAR Water Cooler Test Method (Rev. Sept-2012) for both On Mode with No Water Draw and On Mode with Water Draw and reported using the data template provided. The data assembly effort will conclude on November 9, 2012.

Final Test Method: Summary of Revisions

The following changes were made to the Final Draft Test Method based on stakeholder comments:

- Included a 2 °F tolerance on supply and dispensed water equivalency for the On Mode with Water Draw - On Demand Units test.
- Incorporated instructions for normalizing the On Mode with No Water Draw test period.

The attached comment response document summarizes the stakeholder comments received on the Final Draft Test Method and provides responses from the U.S. Department of Energy (DOE). The Final ENERGY STAR Water Cooler Test Method will be used by EPA-recognized laboratories and certification bodies to evaluate compliance to the new Version 2.0 specification.

Draft 1 Version 2.0 Specification

EPA has proposed several changes to the existing Version 1.3 specification including:

- Updates to terms and definitions included in Section 1;
- Clarification to specification scope, including the removal of air-source water coolers;
- New On Mode with No Water Draw energy efficiency performance levels for Hot and Cold units, including separate requirements for On Demand and Storage designs;
- Inclusion of On Mode with Water Draw testing requirements TBD, pending further review of savings opportunity;
- New On Mode with No Water Draw credit for units shipped with power management features enabled;
- Reference to the new ENERGY STAR Water Cooler Test Method (Rev. Sept-2012).

Note boxes are provided throughout the Draft 1 document identifying specific changes made to the specification and EPA's justification for making these changes. Stakeholders can submit data and comments on the Draft 1 proposal to watercoolers@energystar.gov. All written comments will be posted to the ENERGY STAR website unless the submitter requests otherwise.

ENERGY STAR Draft 1 Stakeholder Webinar

EPA will host a webinar to discuss the Draft 1 proposal and address stakeholder comments and/or questions on **Thursday, September 27, 2012 from 1PM – 3PM EDT**. Parties interested in participating in this discussion should RSVP by **September 21, 2012** to watercoolers@energystar.gov.

To follow EPA's progress in revising the ENERGY STAR Water Cooler specification, visit the ENERGY STAR Product Development website at www.energystar.gov/revisedspecs and click on "Water Coolers".

Schedule

Next steps in the development of the Version 2.0 specification are provided in the table below.

September 14, 2012	Distribution of Draft 1 Specification & Final Test Method; Data Assembly effort begins
October 12, 2012	Draft 1 Comment Period Closes
November 9, 2012	Data Assembly effort ends
Late November 2012	Distribution of Draft 2 Specification

Please direct any specific questions to Paul Karaffa, EPA, at karaffa.paul@epa.gov or (202) 343-9401 and Dave Beavers, CADMUS Group, at david.beavers@cadmusgroup.com or (617) 921-4871.

Questions regarding the Final Water Cooler Test Method (Rev. Sept-2012) can be directed to Bryan Berringer, DOE, at bryan.berringer@ee.doe.gov or (202) 586-0371.

Thank you for taking the time to review this Draft 1 proposal. EPA looks forward to working with you over the next few months to finalize the Version 2.0 specification.

Sincerely,



Paul Karaffa, Product Manager
ENERGY STAR for Water Coolers