

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



OFFICE OF
AIR AND RADIATION

August 29, 2006

Dear ENERGY STAR[®] Ventilating Fan Stakeholder:

Over the last few months EPA has received several industry requests to recognize Air Movement and Control Association (AMCA) test standards in the ENERGY STAR Ventilating Fan specification. After careful consideration of these standards, EPA has decided to clarify the ENERGY STAR Version 2.0 specification to include AMCA 210 and 211 in addition to the currently referenced HVI 916 and 920. It is EPA's intention that this clarification will allow greater flexibility for manufacturers in testing their products for ENERGY STAR qualification without compromising the quality or comparability of the test results. Key changes that EPA proposes including in Version 2.1 are detailed below:

Section 1: Definitions

- AMCA Standard 210 and Publication 211 will be included as follows:
 - L. ANSI/AMCA 210/ASHRAE 51, "Laboratory Methods of Testing Fans for Aerodynamic Performance Rating." Airflow test standard that establishes uniform methods for laboratory testing of fans and other air-moving devices to determine aerodynamic performance for rating or guarantee purposes in terms of airflow rate, pressure, power, air density, speed of rotation, and efficiency.
 - M. AMCA 211, "Certified Ratings Programme – Product Rating Manual for Fan Air Performance." Publication that prescribes technical procedures and specifications to be used in connection with the AMCA Certified Ratings Program.

Section 3: ENERGY STAR Specification Requirements for Qualifying Products

- The following clause provided in 3.A.1.c addressing range hoods, which has now expired, will be removed:
 - c. Range hoods with incandescent light sources or sockets may qualify through December 31, 2004.
- The two clauses addressing electric resistance heating and range hoods with incandescent light sources in Section 3.C will be removed. As of January 1, 2005 these two types of products are no longer eligible for ENERGY STAR qualification.

Section 4: Test Criteria

- Ventilating fans may continue to be tested to the HVI test procedures outlined in Section 4 of specification. However, this section will be clarified to include the equivalent AMCA test procedures to allow manufacturers to test to either AMCA or HVI. Specifically, AMCA 210 will be added to Sections 4.A and 4.B, and AMCA 211 will be added to Section 4.D.

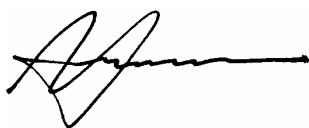
Though EPA has decided to include AMCA standards and test methods in the Version 2.1 specification, these changes will not change the technical requirements that ventilating fans are held to for ENERGY STAR qualification purposes. The introduction of these AMCA test methods should allow manufacturers greater flexibility in testing and qualifying their products.

The clarified Version 2.1 specification will go into effect on October 1, 2006. Existing partners will not be required to re-sign onto the ENERGY STAR program. Beginning October 1, 2006 all products will need to comply with the requirements of the new Version 2.1 specification to remain qualified.

It should be noted that EPA considered including AMCA Standard 300 and Publication 311 in the clarified specification alongside AMCA 210 and 211. However, it was decided that fundamental differences between these two publications and existing test methods for measuring sound would require greater research and exchanges with industry, worthy of a full specification revision effort. EPA may consider including these test methods when the specification is reopened for revision in the future.

Thank you again for your continuing support of ENERGY STAR. EPA welcomes stakeholder input and feedback on these proposed changes. Any comments for consideration should be submitted to Erin Trager, ICF International, at etrager@icfi.com **no later than September 15, 2006**. Please contact me at (202) 343-9019 or at fanara.andrew@epa.gov if you have questions or concerns.

Sincerely,



Andrew Fanara
EPA Program Manager