



Dear ENERGY STAR Clothes Washer Stakeholder,

On August 14, 2010, EPA proposed two potential approaches for determining the energy use of all-in-one washer-dryers on a whole-product basis. EPA received comments from a range of interested parties and carefully considered all comments on this proposal. Stakeholder comments will soon be posted at: [www.energystar.gov/productdevelopment](http://www.energystar.gov/productdevelopment). With this letter, EPA is approving for use the below described interim test procedure for all-in-one combination washer-dryers that wish to earn the ENERGY STAR. Use of this interim test procedure will allow combo washer-dryers to continue participation in the program and will ensure that the dryer energy use associated with these products is considered along with washing energy use when products are qualifying for ENERGY STAR.

#### Interim Test Procedure for All-in-One Combination Washer-Dryers

Effective December 15, 2010, manufacturers qualifying all-in-one combination washer-dryers shall test and report washing and drying functions separately, as described below.

Manufacturers must test clothes washer energy use in accordance with the test procedures specified under 10CFR430 Subpart B Appendix J1.

Manufacturers must test clothes dryer energy use in accordance with the final revised test procedure published by the U.S. Department of Energy (DoE) pursuant to the Second Notice of Proposed Rulemaking, published June 29, 2010 in the U.S. Federal Register (Vol. 75, No. 124, 37594-37650).<sup>1</sup>

Additionally, manufacturers must report:

- Remaining moisture content (RMC) of clothes after each wash cycle
- Water used by the dryer
- Cold water supply temperature and pressure during test

This additional information is necessary to assess differences between all-in-one washer-dryers that could reasonably be expected to impact energy use, and will be used for EPA analysis only. To assure models are being tested under the same conditions, manufactures with dryers that use cold water must keep cold water supply temperature and pressure consistent with the temperatures and pressures specified in the DoE clothes washer test procedure (60°F and 35 psig).

#### Next Steps

Based on test data submitted, EPA will work with stakeholders to propose performance requirements for all-in-one washer-dryers. The following revised timeline reflects next steps.

Date	Action
December 15, 2010	Final DoE dryer test procedure published
Week of February 13, 2011	ENERGY STAR all-in-one requirements proposed
Week of February 27, 2011	Stakeholder call on proposed requirements
Week of March 6, 2011	Second draft of requirements proposed
Week of April 1, 2011	ENERGY STAR requirements finalized and effective
Week of April 1, 2011	Previously qualified all-in-one washer-dryers that do not meet the revised requirements removed from the qualified product list. Note:

	Products labeled before this date will not be required to remove labels or destroy packaging.
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Should you have any questions, please contact me at [Taddonio.Kristen@epa.gov](mailto:Taddonio.Kristen@epa.gov) or 1 (202) 343-9234.

Sincerely,

Kristen Taddonio  
ENERGY STAR for Appliances

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<sup>i</sup> EPA found it necessary to cite the revised test procedure because (1) the DoE has determined that the currently effective test procedure for dryers as contained in 10 CFR part 430, subpart B, appendix D, is not applicable to ventless condensing clothes dryers, such as those which are integrated as part of all-in-one washer-dryers, and (2) the revised test procedure is applicable to ventless clothes dryers. See Federal Register Volume 75, Number 52, Page 13122-13123, March 18, 2010 and Second Notice of Proposed Rulemaking, published June 29, 2010 in the U.S. Federal Register (Vol. 75, No. 124; 37594 -37650).