

For U.S. Customers Only:
U.S. Updated AFUE Fact Sheet for Residential Condensing Modulating Boilers
 Per Code of Federal Regulations, Paragraph 305.14

Product	Model	Input Modulation Range		AFUE Effective March 11, 2013
		kW	MBH	
Vitodens 100	WB1B-26	11-27	37-91	94%
Vitodens 100	WB1B-35	11-35	37-118	94%
Vitodens 200	WB2B-19	9-20	31-67	94.1%
Vitodens 200	WB2B-26	9-27	31-93	94.1%
Vitodens 200	WB2B-35	9-37	31-125	94.1%
Vitodens 200	WB2B-45	17-47	60-160	92.5%
Vitodens 200	WB2B-60	17-62	60-212	92.5%
Vitodens 200	WB2B-80	30-83	104-285	92.5%

This notice is in accordance with the AHRI Press Release “AHRI Addresses Uncertainty in DOE Test Procedure for Modulating Condensing Residential Boilers Immediately Implements Changes; Working with DOE on Permanent Fix”, dated November 19, 2012 in Arlington, VA.

The release states:

“An internal review by the Air-Conditioning, Heating, and Refrigeration Institute (AHRI) recently revealed an aspect of the current Department of Energy (DOE) efficiency test procedure for residential furnaces and boilers that may result in an inaccurate AFUE measurement for two-stage or modulating condensing residential boilers.

The problem in the test procedure is in the calculations used to determine the AFUE when selecting the option of skipping the heat-up and cool-down tests. These ratings were based on the current DOE efficiency test procedure, and the error is due to an inconsistency in those procedures rather than a failure to properly conduct the DOE test. All the involved models are highly efficient and exceed the current federal minimum AFUE for these products, so there is no issue with their compliance with federal minimum efficiency standards. “As soon as we discovered this test procedure inconsistency, we moved expeditiously not only to ensure accurate equipment ratings for consumers and in the AHRI Directory, but also to work with DOE officials to ensure the issue is corrected for all products,” said AHRI President & CEO Stephen Yurek.

- Requiring all new model certifications and AHRI certification tests of all currently listed models for this subcategory of boilers to include heat-up and cool-down tests;
- Requiring the manufacturers of all existing models in this subcategory of boilers that are listed in AHRI Directory of Certified Product Performance to immediately do one of the following: (1) drop the rating to 90%; (2) discontinue the model; or (3) provide test results which include the heat-up and cool-down tests that support a higher rating.

In accordance with this directive, Viessmann has now retested the above listed boilers using the corrected DOE test procedure. AFUE ratings listed above have been updated in the AHRI Directory of Certified Product Performance. All product documentation will be updated in the next couple of weeks as soon as AHRI has witnessed and confirmed the updated AFUE ratings.

Please note that the DOE test procedure has changed, not the Viessmann boilers. Viessmann boilers continue to operate just as efficiently as they did before the DOE test procedure has been corrected. Viessmann boilers are highly efficient and continue to meet federal minimum AFUE for these products.