

**U.S. Environmental Protection Agency
ENERGY STAR® Labeled Products: Verification Testing
2017 Summary**

In order to ensure that ENERGY STAR labeled products meet energy savings expectations on an ongoing basis, a subset of models are subject to verification testing each year.

Verification Testing Rates

ENERGY STAR certified products available for sale in the United States are subject to verification testing to ensure they continue to meet performance requirements. In 2017, 1,702 models underwent verification testing. Table 1 provides a detailed summary of the tested model counts by product category. Additionally, there were 12 Commercial Steam Cooker models tested through the [Component Inspection Program](#) in 2017.

All of these models were tested through verification testing administered by EPA-recognized certification bodies (CBs). Further details on the verification testing process for CBs are available at www.energystar.gov/CBresources.

The overall compliance rate was 93%.

Disqualification

ENERGY STAR certified models that fail to meet ENERGY STAR requirements during verification testing are subject to EPA’s disqualification procedures. In 2017, EPA disqualified 115 *unique* models as a result of verification testing. Additional, associated versions of the 115 models were also disqualified. Tables 2a and 2b summarize the 115 unique disqualified models by product category.

The current lists of disqualified models are available at www.energystar.gov/integrity.

Table 1. 2017 Verification Testing Counts by Product Category

<i>Product Category</i>	<i>Number of Models Tested</i>
Appliances	
Clothes Dryers	11
Clothes Washers	19
Dishwashers	17
Refrigerators and Freezers	71
Total	118
Heating and Cooling	
Boilers	37
Central Air Conditioners and Air Source Heat Pumps (CAC ASHP)	62
Commercial Water Heaters	18
Dehumidifiers	16
Furnaces	45
Geothermal Heat Pumps	39
Light Commercial HVAC	4
Room Air Cleaners and Purifiers	64
Room Air Conditioners	23

<i>Product Category</i>	<i>Number of Models Tested</i>
Water Heaters, non-solar	31
Total	339
Commercial Food Service	
Commercial Dishwashers	12
Commercial Fryers	7
Commercial Griddles	4
Commercial Hot Food Holding Cabinets	8
Commercial Ice Machines	18
Commercial Ovens	10
Commercial Refrigerators and Freezers	12
Commercial Steam Cookers*	1
Total	72
Electronics and Office Equipment	
Audio/Video	14
Computers	90
Displays	44
Enterprise Servers	16
Imaging Equipment	97
Set-Top Boxes and Cable Boxes	4
Small Network Equipment	3
Telephony	7
Televisions	35
Uninterruptable Power Supplies	22
Total	332
Lighting and Fans	
Ceiling Fans	27
Decorative Light Strings	3
Lamps - LEDs	150
Luminaires	356
Ventilating Fans	32
Total	568
Home Building Materials	
Roof Products	52
Windows, Doors, and Skylights	185
Total	237

<i>Product Category</i>	<i>Number of Models Tested</i>
Other	
Pool Pumps	17
Vending Machines	6
Water Coolers	13
Total	36
Total Models Tested	1,702

*This commercial steam cooker model underwent verification testing. This model was not tested through the Steam Cooker Component Inspection Program.

Table 2a. Number of Models Disqualified in 2017 by Non-Lighting Product Category

Non-Lighting Category	Models Disqualified in 2017
Ceiling Fans	3
Commercial Dishwashers	3
Commercial Fryers	1
Commercial Hot Food Holding Cabinets	1
Commercial Ovens	1
Commercial Refrigerators and Freezers	1
Roof Products	3
Room Air Cleaners	2
Televisions	1
Ventilating Fans	1
Windows, Doors, and Skylights	2
Grand Total	19

Please note that models *disqualified* in 2017 may have failed verification testing in a previous VT year.

Table 2b. Number of Models Disqualified in 2017 by Lighting Product Category

Lighting Category	Models Disqualified in 2017
Lamps – CFL	23
Lamps - LED	36
Luminaires	37
Grand Total	96

Please note that models *disqualified* in 2017 may have failed verification testing in a previous VT year.