



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

OFFICE OF
AIR AND RADIATION

December 5, 2019

Dear ENERGY STAR® Partners and Stakeholders:

The U.S. Environmental Protection Agency (EPA) is pleased to announce the final recognition criteria for Dehumidifiers for ENERGY STAR Most Efficient 2020. This letter outlines the final criteria.

Dehumidifiers that meet the 2020 criteria will deliver significant savings over a conventional product as noted below:

- Portable dehumidifiers: 100 kWh/yr in annual energy savings, 19% above the Federal Minimum.
- Whole-home dehumidifiers: 177 kWh/yr in annual energy savings, 23% above the Federal Minimum.

Please note that the criteria for 14 other product categories, which were finalized on September 26, 2019, and the Dehumidifier criteria can be found at www.energystar.gov/mostefficient.

Final criteria for Dehumidifiers for ENERGY STAR Most Efficient 2020 recognition are summarized below. EPA did not receive comments specific to the proposed Dehumidifier criteria. Accordingly, EPA has finalized the criteria as proposed. Products must also be certified as ENERGY STAR by an EPA-recognized certification body. Additional detail for Dehumidifiers is included in the recognition criteria documents available at www.energystar.gov/mostefficient.

To be recognized as ENERGY STAR Most Efficient, Dehumidifiers must meet the applicable minimum Integrate Energy Factor (IEF) shown in the following table, as determined per Appendix X1 to 10 CFR Part 430, Subpart B.

Type, size	Integrated Energy Factor
Portable, capacity ≤ 25.00 pints/day	≥ 1.70
Portable, capacity 25.01 to 50.00 pints/day	≥ 1.90
Portable, capacity > 50.00 pints/day	≥ 3.40
Whole Home, case volume ≤ 8.0 ft ³	≥ 2.22
Whole Home, case volume > 8.0 ft ³	≥ 3.40

ENERGY STAR Most Efficient 2020 Recognition

ENERGY STAR certified products meeting ENERGY STAR Most Efficient 2020 requirements will be highlighted at www.energystar.gov/mostefficient beginning January 1, 2020. Shortly, EPA will begin distributing the 2020 ENERGY STAR Most Efficient designation to brand owners of eligible products. As a reminder, usage guidelines are available at

http://www.energystar.gov/index.cfm?c=partners.most_efficient_criteria. As new products are certified, EPA will invite partners to augment their product listing with the following:

- A product image. Product images (in jpg, png, or gif format), should include only one product - do not include other people and objects; be a minimum of 250 pixels wide; and for best results, be on a single-color background, preferably white;
- A product description for use on the web page (i.e., key features and functionalities). The first 50 words will be displayed beside the product photo on the web page; additional text will link to a separate web page; and
- The name of retail stores or online distributors where the product is available for consumer purchase. This information helps provide price and store location information to consumers on the web page.

To ensure the greatest utility of the ENERGY STAR Most Efficient webpage to consumers, EPA will only highlight products that are currently available for sale in the U.S. As such, EPA reminds partners that it is critical that they keep product availability information with their Certification Bodies current.

The ENERGY STAR Most Efficient 2020 designation is intended for use at point-of-sale on point-of-purchase materials, product literature, and websites. It may not be factory-applied to products or product packaging. Failure to abide by these guidelines may result in loss of recognition. EPA will highlight recognized products on the ENERGY STAR Most Efficient 2020 web page through December 31, 2020.



We look forward to working with you to market ENERGY STAR Most Efficient products in 2020. Please e-mail mostefficient@energystar.gov with any questions.

Thank you for your support of the ENERGY STAR program.

Sincerely,

A handwritten signature in black ink, appearing to read "Ann Bailey".

Ann Bailey, Director
ENERGY STAR Product Labeling