



**Most Efficient  
2025**  
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## Recognition Criteria for Ventilating Fans

### Scope

*Included products:* Residential ventilating fans, as defined below, are eligible for ENERGY STAR® Most Efficient recognition in 2025.

**Residential Ventilating Fan:** A fan whose purpose is to actively supply air to or remove air from the inside of a residence. This includes ceiling and wall-mounted fans, or remotely mounted in-line fans, designed to be used in a bathroom or utility room, supply fans designed to provide air to the indoor space, and kitchen range hoods. Supply fans may also be designed to filter incoming air.

*Excluded products:* While included in the definition to keep consistency with the ENERGY STAR specification, criteria have not been established for the following products, and they are not eligible for ENERGY STAR Most Efficient recognition in 2025:

- Range hoods

### Recognition Criteria

- 1) Product must be an ENERGY STAR certified Ventilating Fan currently listed on the ENERGY STAR list of certified models.
- 2) Products must meet applicable efficacy at high speed:

Ventilating Fan Type	Efficacy at high speed (cfm/W)*
Bathroom and Utility Ventilating Fan	$\geq 1.9D + 2.9$
In-line Ventilating Fan	$\geq 6.5$
In-Line Fans tested with Filter ( $6 \leq \text{MERV} \leq 13$ )	$\geq 4.7$

\* **D = effective diameter** (inches) based on Duct Size listed on the QPL:

- Where Duct Size = "diameter", **D = Diameter**
- Where Duct Size = "depth x width",  $D = \sqrt{\frac{4 \times \text{Depth} \times \text{Width}}{\pi}}$

- 3) Bathroom and Utility Room fans must provide a sound level  $\leq 4.0$  sones at 0.25 inches of water gauge external static pressure at high speed.

### Recognition Period

The U.S. Environmental Protection Agency will add qualifying models to the ENERGY STAR Most Efficient 2025 product list for ventilating fans from January 1, 2025, through December 31, 2025. The ENERGY STAR Most Efficient 2025 designation may be used in association with models recognized during this period for as long as the model remains on the market.