



Recognition Criteria for Room Air Conditioners

Scope

Included products: Room air conditioners are eligible for ENERGY STAR® Most Efficient recognition in 2025.

Recognition Criteria

- 1) Product must be an ENERGY STAR certified Room Air Conditioner currently listed on the ENERGY STAR list of certified models.
- 2) Product must have a Combined Energy Efficiency Ratio (CEER) that equals or outperforms the amount specified in the table below as determined by the DOE test procedure 10 CFR 430, Subpart B, Appendix F or a DOE-approved test procedure waiver pursuant to 10 CFR Part 430.27.

Product Class	CEER (Btu/Wh)
1. Without reverse cycle, with louvered sides, and less than 6,000 Btu/h	14.85
2. Without reverse cycle, with louvered sides, and 6,000 to 7,999 Btu/h	14.85
3. Without reverse cycle, with louvered sides, and 8,000 to 13,999 Btu/h	16.0
4. Without reverse cycle, with louvered sides, and 14,000 to 19,999 Btu/h	16.0
5a. Without reverse cycle, with louvered sides, and 20,000 to 27,999 Btu/h	13.8
5b. Without reverse cycle, with louvered sides, and 28,000 Btu/h or more	13.2
6. Without reverse cycle, without louvered sides, and less than 6,000 Btu/h	13.5
7. Without reverse cycle, without louvered sides, and 6,000 to 7,999 Btu/h	13.5
8a. Without reverse cycle, without louvered sides, and 8,000 to 10,999 Btu/h	14.1
8b. Without reverse cycle, without louvered sides, and 11,000 to 13,999 Btu/h	13.9
9. Without reverse cycle, without louvered sides, and 14,000 to 19,999 Btu/h	13.7
10. Without reverse cycle, without louvered sides, and 20,000 Btu/h or more	13.8
11. With reverse cycle, with louvered sides, and less than 20,000 Btu/h	14.4
12. With reverse cycle, without louvered sides, and less than 14,000 Btu/h	13.7
13. With reverse cycle, with louvered sides, and 20,000 Btu/h or more	13.7
14. With reverse cycle, without louvered sides, and 14,000 Btu/h or more	12.8
15. Casement-Only	13.9
16. Casement-Slider	15.3

Recognition Period

The U.S. Environmental Protection Agency will add qualifying models to the ENERGY STAR Most Efficient 2025 product list for room air conditioners 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.