



Breaking News

Rheem Government Affairs

December 21, 2022

Canada Finalizes Efficiency Rule for HVAC

Amendment 17 to the Energy Efficiency Regulation

On December 21st, Natural Resources Canada (NRCan) published its finalized amendment for energy efficiency of central air conditioners and heat pumps in the *Canada Gazette*¹.

- The minimum efficiency requirements, compliance date, and reporting metrics are aligned with those required by the U.S. Department of Energy (DOE) in 2023.
- The final rule comes into force immediately, with compliance required by **January 1, 2023**. The short implementation period is an exception to the typical six months advance notice.
- The compliance date applies to new equipment **based on date of manufacture**, with previously compliant units made prior to 1/1/2023 permitted for import and installation indefinitely.
- The rule requires heating seasonal performance factor (HSPF2) to be reported based on the Region V climate, while Region IV is used in the U.S.
- By January 1, 2025, manufacturers will need to certify heat pump performance based on testing at 5°F (-15°C), a test which is currently optional in the U.S.

AHRI to Update Directory for Canada Ratings

- Unlike U.S. DOE, who accept efficiency ratings directly, NRCan requires submission by a certification body, such as AHRI.
- AHRI will begin readying the directory to accept ratings for Canada using the new requirements and provide timing to manufacturers.

Key Takeaways

Amendment 17 is largely aligned with U.S. DOE requirements for residential AC/HP, including use of SEER2, EER2, and HSPF2 metrics

New efficiency requirements take effect 1/1/2023 and are based on equipment date of manufacture, with continued import of legacy equipment permitted

The mandatory 5°F test point for heat pumps is deferred until 2025

To Learn More

For full regulatory text, see the online regulation page:
<https://canadagazette.gc.ca/rp-pr/p2/2022/2022-12-21/html/sor-dors265-eng.html>

¹Canada Gazette, Part II, Volume 156, Number 26; Regulations Amending the Energy Efficiency Regulations, 2016 (Amendment 17): SOR/2022-265

