

Residential Boilers (RBLR)

Certification Program

AHRI's globally recognized and industry respected certification program helps manufacturers sell more products, win bids, and comply with government requirements. Certify products with AHRI and stand out from the crowd.



Related Standard

Products in the RBLR certification program are tested to the Department of Energy Boiler Test Procedure as published in the *Federal Register* 10 CFR Part 430, and CAN/CSA P.2/ANSI/ASHRAE Standard 103-2007 for Canada.

Program Scope

This program applies to gas and oil-fired steam and hot water heating boilers with inputs less than 300 MBh certified to comply with the applicable rating standard.

- Definition of a heating boiler. A heat exchanger, designed with and for fuel-burning devices and other equipment to (1) burn fossil fuels and (2) transfer the released heat to water (in water boilers) or to water and steam (in steam heating boilers) must conform to the safety and material requirements of the current ASME Boiler and Pressure Vessel Code, Section IV: Rules for Construction of Heating Boilers, or have an approved ASME code case.

Program Highlights

- Participation includes leading North American manufacturers
- Participants can test products at their own labs with a third-party witness
- Measurements include boiler net ratings (i.e., the actual heat delivered to a space)
- AHRI submits data for ENERGY STAR products at no additional cost or effort to participants
- AHRI reports data to the U.S. Department of Energy, the U.S. Federal Trade Commission, Natural Resources Canada, and the California Energy Commission for participants at no additional cost

Certified Ratings

The following certification program ratings are verified by test:

- Heating Capacity, MBH
- Annual Fuel Utilization Efficiency (AFUE), %

Visit www.ahridirectory.org

Contact certification@ahrinet.org for more information.

In the Asia Pacific region, please contact [Bridge Xue](mailto:bxue@ahrinet.org) at bxue@ahrinet.org or 138 1043 2200.



The [AHRI Certification Program](#) is a voluntary program, administered and governed by the Air-Conditioning, Heating, and Refrigeration Institute (AHRI), which ensures that various types of heating, ventilation, air conditioning, refrigeration, and water heating products perform according to manufacturers' published claims. Products that are certified through the AHRI Product Performance Certification Program are continuously tested, at the direction of AHRI, by an independent third-party laboratory, contracted by AHRI, to determine the product's ability to conform to one or more product rating standards or specifications.