

Commercial Water Heaters (CWH)

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 CWH certification program are tested to the latest edition of the Code of Federal Regulations, 10 CFR Part 431 (Standard).

Program Scope

- All commercial electric, gas, and oil water heaters which have input ratings of 500,000 Btu/h or less and which have energy input ratings and capacity within the parameters outlined below are included in the program.
- Electric storage water heaters with energy input ratings greater than 12 kilowatts or with storage capacity greater than 120 gallons and less than 4,000 Btu/h per gallon of stored water.
- Electric instantaneous water heaters with energy input ratings greater than 12 kilowatts and not less than 4,000 Btu/h per gallon of stored water.
- Gas storage water heaters with energy input ratings greater than 75,000 Btu/h or storage capacities greater than 100 gallons and less than 4,000 Btu/h per gallon of stored water.
- Gas instantaneous water heaters with energy input of 200,000 Btu/h or greater, and not less than 4,000 Btu/h per gallon of stored water.

Program Highlights

- Participation includes leading North American manufacturers
- Covers all regulated water heater types: gas, propane, oil, electric, storage, and instantaneous
- 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

- Oil storage water heaters with energy input greater than 105,000 Btu/h.

This program independently verifies thermal efficiency and standby loss, %/hr or btuh

Visit www.ahrirectory.org

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for more information.

In the Asia Pacific region, please contact
Bridge Xue 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.