

AHRI:

- **Is one of the nation's larger trade associations**
 - Representing 314 HVACR and water heating manufacturers across 39 product sections
- **Promotes policies beneficial to industry**
- **Represents the industry domestically & globally**
- **Establishes international standards**
 - Over 100 industry standards and guidelines
- **Administers rigorous certification programs**
 - 40 Certification Programs
- **Administers a comprehensive industry statistics program**



The AHRI Certification Program

- Foremost globally recognized HVACR & water heating certification program
- Voluntary program
- Qualification is lengthy and rigorous
- 400+ participants, 700+ Licensees
 - 58 International Licensees from 16 countries
- 2,500 independent laboratory tests annually
- Accredited by Standards Council of Canada (SCC)
- ENERGY STAR approved Certification Body
- Dates back more than 80 years
 - AHRI was formed from the merger of ARI and GAMA in 2008

Equipment Certified By AHRI

- Air-Cooling and Heating Coils
- Air and Water-Cooled Chillers
- Baseboard Heaters
- Central Station Air-Handling Units
- Commercial AC and Heat Pumps
- Commercial Refrigerators
- Datacom Cooling
- Direct Heaters
- Energy Recovery Ventilators
- Finned Tube Radiators
- Gas Purge Equipment for Use with Chillers
- Geo-Exchange Heat Pumps
- Ice-Makers/Ice Bins
- Indirect Water Heaters
- Liquid-to-Liquid Heat Exchangers
- Pool Heat Pumps
- PTAC/PTHP
- Reclaimed Refrigerant
- Refrigerant Recovery/Recycling Equipment
- Residential & Commercial Furnaces
- Residential & Commercial Water Heaters
- Residential & Commercial Boilers
- Residential AC and Heat Pumps
- Refrigerant Testing Laboratory Certification
- Room Fan-Coils
- Single Package Vertical AC and Heat Pumps
- Truck/Trailer Refrigeration Units
- Unit Coolers
- Unit Ventilators
- Variable Air Volume Terminals
- Variable Frequency Drives
- Variable Refrigerant Flow AC/HP
- Water Source Heat Pumps

Why You Can Trust AHRI

- AHRI contracts with a third-party lab to conduct all tests
- Products are randomly selected for testing
- Operation Manuals dictate strict procedure for administration of the certification program
- AHRI Directory provides compliance information on behalf of participants to:
 - EPA (Environmental Protection Agency)
 - DOE (U.S. Department of Energy)
 - FTC (Federal Trade Commission)
 - NRCan (Natural Resources Canada)
 - CEC (California Energy Commission)



Globally Recognized. Industry Respected.



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Qualification Process

➤ **Application Submittals**

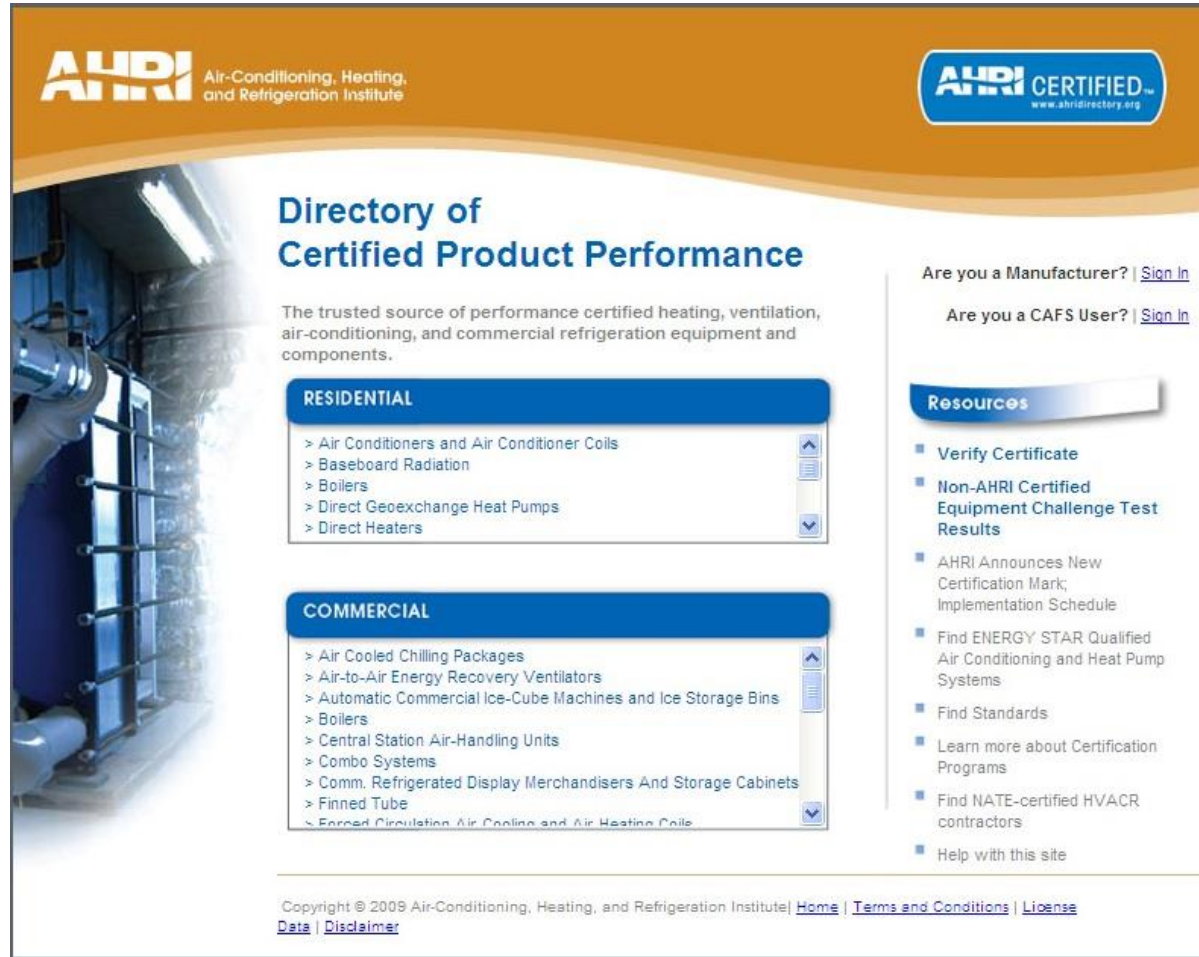
- Application is separate for each Certification Program
- Ratings provided for all models (Certify All)
- Exact process can vary from program to program
 - Refer to program-specific Operations Manual

➤ **Testing**

- 20-30% Basic Model Groups are tested
- Conducted by a 3rd party lab (not AHRI)

Online Directory: www.ahridirectory.org

- **AHRI Directory**
 - The portal between manufacturers and consumers
- **Over 1,900,000 product listings**
- **More than 177,000 visitors per month**



The screenshot displays the AHRI Certified Product Performance Directory website. The header features the AHRI logo (Air-Conditioning, Heating, and Refrigeration Institute) and an "AHRI CERTIFIED" badge with the website URL. The main heading is "Directory of Certified Product Performance". Below this, a descriptive paragraph states: "The trusted source of performance certified heating, ventilation, air-conditioning, and commercial refrigeration equipment and components." The directory is organized into two main sections: "RESIDENTIAL" and "COMMERCIAL". The "RESIDENTIAL" section lists: Air Conditioners and Air Conditioner Coils, Baseboard Radiation, Boilers, Direct Geoeexchange Heat Pumps, and Direct Heaters. The "COMMERCIAL" section lists: Air Cooled Chilling Packages, Air-to-Air Energy Recovery Ventilators, Automatic Commercial Ice-Cube Machines and Ice Storage Bins, Boilers, Central Station Air-Handling Units, Combo Systems, Comm. Refrigerated Display Merchandisers And Storage Cabinets, Finned Tube, and Forced Circulation Air Cooling and Air Heating Coils. On the right side, there are links for "Are you a Manufacturer?" and "Are you a CAFS User?", both with "Sign In" links. Below these is a "Resources" section with links to "Verify Certificate", "Non-AHRI Certified Equipment Challenge Test Results", "AHRI Announces New Certification Mark; Implementation Schedule", "Find ENERGY STAR Qualified Air Conditioning and Heat Pump Systems", "Find Standards", "Learn more about Certification Programs", "Find NATE-certified HVACR contractors", and "Help with this site". The footer contains copyright information for 2009 and links for "Home", "Terms and Conditions", "License", "Data", and "Disclaimer".

AHRI Air-Conditioning, Heating, and Refrigeration Institute

AHRI CERTIFIED™
www.ahridirectory.org

Directory of Certified Product Performance

The trusted source of performance certified heating, ventilation, air-conditioning, and commercial refrigeration equipment and components.

RESIDENTIAL

- > Air Conditioners and Air Conditioner Coils
- > Baseboard Radiation
- > Boilers
- > Direct Geoeexchange Heat Pumps
- > Direct Heaters

COMMERCIAL

- > Air Cooled Chilling Packages
- > Air-to-Air Energy Recovery Ventilators
- > Automatic Commercial Ice-Cube Machines and Ice Storage Bins
- > Boilers
- > Central Station Air-Handling Units
- > Combo Systems
- > Comm. Refrigerated Display Merchandisers And Storage Cabinets
- > Finned Tube
- > Forced Circulation Air Cooling and Air Heating Coils

Are you a Manufacturer? | [Sign In](#)

Are you a CAFS User? | [Sign In](#)

Resources

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Standards

- **AHRI has published over 100 standards and guidelines**
 - Many in both SI and I-P
 - Majority are American National Standards (ANSI)
 - Canadian Standards Developer
- **Work with organizations and governments around the world to help them harmonize HVACR performance standards**
- **Work directly with codes bodies to ensure its members' products are accurately represented**
 - ASHRAE (test procedures referenced in AHRI rating standards)
 - International Code Council (ICC)
 - Canadian Standards Association (CSA)
 - California Energy Commission (CEC) and Building Energy Efficiency Standards
 - International Association of Plumbing and Mechanical Officials (IAPMO)
 - National Fire Protection Agency (NFPA)
 - American Society of Mechanical Engineers (ASME)



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AHRI Standards Referenced by DOE and EPA

- **DOE references AHRI Standards for many products in their regulations, examples are:**
 - Unitary Air-Conditioning & Air-Source Heat Pump Equipment
 - Commercial and Industrial Unitary Air-Conditioning and Heat Pump Equipment
 - Variable Refrigerant Flow (VRF) Multi-Split Air-Conditioning and Heat Pump Equipment
 - Single Package Vertical Units
 - Commercial Refrigeration
- **Compliance with the CAA Section 608 Refrigerant Recycling Rule, EPA references:**
 - AHRI Standard 700, *Specifications for Refrigerants*
 - AHRI Standard 740, *Performance Rating of Refrigerant Recovery Equipment and Recovery/Recycling Equipment*

Advocacy

- **United States Congress**
- **Federal Agencies**
 - Department of Energy
 - Environmental Protection Agency
 - Department of Commerce
 - Federal Trade Commission
- **State Governments**
- **Foreign Organizations and Governments**
 - Standards Adoption and Harmonization
 - Performance Certification
 - International Trade Issues
 - Climate and Ozone issues
 - UNEP, Montreal Protocol, UNFCCC

