AHRI DIRECTORY
OF CERTIFIED PRODUCT PERFORMANCE –
USER GUIDE FOR PUBLIC USERS

Version 2.1, 01/05/2021
The AHRI Directory of Certified Product Performance is available for products under the following categories:

Residential
Air Conditioners and Air Conditioner Coils
Boilers
Direct Geoexchange Heat Pumps
Direct Heating Equipment
Furnaces
Heat Pumps and Heat Pump Coils
Heat Pump Pool Heaters
Indirect Water Heaters
Variable-Speed Mini-Split and Multi-Split Air Conditioners
Variable-Speed Mini-Split and Multi-Split Heat Pumps
Water Heaters
Water-Source Heat Pumps

Commercial
Air-Cooled Chillers
Air-to-Air Energy Recover Ventilators Components
Air-to-Air Energy Recover Ventilators Packages
Automatic Commercial Ice-Cube Machines and Ice Storage Bins
Boilers
Central Station Air-Handling Unit Casings
Central Station Air-Handling Unit Supply Fans
Commercial Refrigerated-Display Cases
Datacom Cooling
Finned Tube Radiation
Forced-Circulation Heating and Cooling Coils
Furnaces
Liquid to Liquid Brazed & Fusion Bonded Plate Heat Exchangers
Liquid to Liquid Heat Exchangers
Non-Condensable Gas Purge Equipment for Use with Low Pressure Centrifugal Liquid Chillers
Packaged Terminal Air Conditioners and Heat Pumps
Reclaimed Refrigerants
Refrigerant Recovery/Recycling Equipment
Refrigerant Testing Laboratories
Room Fan Coil Units
Single Package Vertical Air-Conditioners and Heat Pumps
Transport Refrigeration
Unit Coolers
Unit Ventilators (PDF Directory)
Unitary Large Equipment
Variable Air Volume (VAV) Terminals
Variable Frequency Drives
Variable Refrigerant Flow (VRF) Air-Conditioners and Heat Pumps
Water Heaters
Water-Cooled Chillers
Water-Source Heat Pumps
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Important Terminology

Active (model status) – model in production, or one that is being marketed, but is not yet in production. An “Active” record is certified. Participant records with model status “Active” have passed validation.

Brand Name – name that a product or group of products is traded under for commercial purposes. Generally, brand name is how the product is recognized by the HVACR industry and its consumers. Brand name may or may not be the same as licensee name and/or manufacturer name. The brand name appears on Energy Guide labels.

Discontinued (model status) – model no longer in production or available for sale. A “Discontinued” model is not certified.

CDRR – AHRI’s latest version of the AHRI Directory of Certified Product Performance offering more flexible search options than previous versions. This acronym stands for Certification Directory and Regulatory Reporting.

Obsolete (model status) – model no longer in production or available for sale as a result of test failure. An “Obsolete” model is not certified.

Production Stopped (model status) – model no longer in production but is still available for sale. A “Production Stopped” model is certified.
Desktop Site Navigation

Accessing the Site
Open an Internet browser and go to the AHRI Directory of Certified Product Performance at www.ahrifirectory.org. The application is optimized for Google Chrome but will work with other browsers.

Features Overview
Users are able to:

- Select a language (English – default; Arabic, Chinese, French, Korean, Spanish)
- Conduct product searches:
  - Universal Search
  - Quick Search
  - Advanced Search
  - Discontinued and Obsolete Search
  - CEE and Energy Star Qualified Product Search (via the CEE)
- Download search results in .csv (up to 250 records per search)
- Download AHRI Certificate of Product Ratings
- Verify an AHRI Certificate of Product Ratings
- View a list of products whose ratings were challenged through the AHRI Certification Program
Select "Search Product Database" to conduct searches by product type, of residential or commercial AHRI-Certified products.

Select "Additional Resources" to:
- Conduct searches of Discontinued or Obsolete products (within five years)
- Be directed to the CEE website to search for ENERGY STAR® and CEE Qualified AHRI-Certified products
- Verify an AHRI Certificate of Product Performance
- See a list of products challenged through the AHRI Certification Program
Product Search Options

The Directory offers multiple options for product searching tailored to the information known and desired by the user. If performing a data download, non-authenticated users are limited to downloading 250 records per search criteria request.

Choosing a Search Type

<table>
<thead>
<tr>
<th>Requires product type to be selected</th>
<th>Universal Search</th>
<th>Quick Search</th>
<th>Advanced Search</th>
<th>Discontinued and Obsolete Search</th>
<th>Find ENERGY STAR® and CEE Qualified Products</th>
</tr>
</thead>
<tbody>
<tr>
<td>Search by reference number or model number only</td>
<td>✔️</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Search by one, some, or all of the most popular product characteristics/ratings criteria</td>
<td></td>
<td>✔️</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Search by one, some, or all of a product’s characteristics/ratings criteria</td>
<td></td>
<td></td>
<td>✔️</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>Search for products that are no longer AHRI-Certified (but were within the past 5 years)</td>
<td>✔️</td>
<td></td>
<td></td>
<td></td>
<td>✔️</td>
</tr>
<tr>
<td>Download an AHRI Certificate of Product Performance for AHRI-Certified products</td>
<td>(for products with Model Status = Active or Production Stopped)</td>
<td>✔️</td>
<td>✔️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Find AHRI-Certified products that are ENERGY STAR® and/or CEE Qualified</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>✔️</td>
</tr>
</tbody>
</table>
Universal Product Search

The “Universal Product Search” will yield results of AHRI-Certified products (those with a model status of active or production stopped) as well as those that are no longer AHRI-Certified (within the past 5 years). Products with a model status of discontinued and obsolete are not AHRI-Certified. However, a Certificate of Product Performance can be downloaded for discontinued models.

1. Select either the “AHRI Certified Reference Number” or “Model Number” radio button and input the full, or portion thereof, number in the search box. Hit enter/click the search button to initiate the search or click cancel to clear the contents of the search field.

2. The search will return any match to the criteria. To view a specific model, click “Select.”
3. Once on the single product page the Certificate of Product Performance can be downloaded (for those with a model status of active, production stopped or discontinued) by clicking on the AHRI Reference Number.

Quick Search

AHRI-Certified products (those with a model status of active or production stopped) that meet criteria entered by the user, can be located via the “Quick Search” function.

1. Under “Search Product Database,” select the product type. Upon selection of a product type, the user will land on the product’s search page.
2. Enter in as little, or as much, of the criteria known or desired. Upon clicking outside of the particular search criteria box in which data was entered, the search results area will automatically refresh based on the criteria entered. The more criteria entered, the fewer records that will be displayed. If too few or no records are found, consider removing some of the search criteria. Click the “Clear” button to start over. This will remove all previously entered criteria and refresh the search results.
Additional Quick Search Feature for residential air conditioners and heat pumps and variable mini-split air conditioners and heat pumps

Two new search criteria have been added that allow for additional search functionality by: AHRI 210/240 – 2017 with Addendum 1 (more commonly known as Appendix M) and AHRI 210/240 – 2023 (more commonly known as Appendix M1). These two types are specific only to residential air conditioners and heat pumps and variable mini-split air conditioners and heat pumps.

1. To retrieve records based on one of the two standards, select your standard option under the “Ratings Calculated by” dropdown. To further refine your results, use search criteria under the selected standard.

2. To retrieve records that include data for both standards, enter search criteria under the appropriate category for both standard options without making a selection under “Ratings Calculated by” dropdown. Selecting one of the two standards under “Ratings Calculated by” will limit your search to that particular standard by removing access to criteria fields under the other standard (this search option is covered under 1. above).
### Search results area

AHRI Certified Ratings in accordance with AHRI 210/240 - 2017 with Addendum 1 (more commonly known as Appendix M) and AHRI 210/240 - 2023 (more commonly known as Appendix M1).

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Rating</th>
<th>Efficiency</th>
<th>Condition</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acme Model A</td>
<td>High</td>
<td>Efficient</td>
<td>Good</td>
<td>Tested</td>
</tr>
<tr>
<td>Beta Model B</td>
<td>Medium</td>
<td>Average</td>
<td>Fair</td>
<td>Certified</td>
</tr>
<tr>
<td>Gamma Model C</td>
<td>Low</td>
<td>Inefficient</td>
<td>Poor</td>
<td>Non-compliant</td>
</tr>
</tbody>
</table>

### Additional Features

- Filter options for product type, rating, and efficiency.
- Search functionality for quick results.
- Download options for data export.

**Note:** AHRI Directory is regularly updated to reflect the latest standards and regulations.
Advanced Search

AHRI-Certified products (those with a model status of active or production stopped) that meet criteria entered by the user, can be located through the “Advanced Search” function. The Advanced Search offers additional search criteria to that offered in the “Quick Search.”

1. Access the “Advanced Search” option from the bottom of a product’s “Quick Search” area.

2. Enter in as little, or as much, of the criteria known or desired. Click “Search” to find results matching entered criteria. Click “Clear” to remove entered search criteria.

The more criteria entered, or selected, the fewer records will be displayed. If no records are found consider removing some of the criteria or widening range constraints.
3. After clicking “Search”, scroll down to view search results. As desired, continue to refine search results by scrolling up to click “Show Search Fields”, entering additional search criteria, and clicking “Search.”

Additional Advanced Search Feature for residential air conditioners and heat pumps and variable mini-split air conditioners and heat pumps

Two new search criteria have been added that allow for additional search functionality by: AHRI 210/240 – 2017 with Addendum 1 (more commonly known as Appendix M) and AHRI 210/240 – 2023 (more commonly known as Appendix M1). These two types are specific only to residential air conditioners and heat pumps and variable mini-split air conditioners and heat pumps.

1. To retrieve records based on one of the two standards, select your standard option under the “Ratings Calculated” by dropdown. To further refine your results, use search criteria under the selected standard.
2. To retrieve records that include data for both standards, enter search criteria under the appropriate category for both standard options without making a selection under “Ratings Calculated by” dropdown. Selecting one of the two standards under “Ratings Calculated by” will limit your search to that particular standard by removing access to criteria fields under the other standard (this search option is covered under 1. above).
Search results area: now displays AHRI Certified Ratings in accordance with AHRI 210/240 - 2017 with Addendum 1 (more commonly known as Appendix M) and AHRI 210/240 - 2023 (more commonly known as Appendix M1).
Discontinued and Obsolete Search

Products that are no longer AHRI-Certified (within the past 5 years) can be searched using the “Search Discontinued and Obsolete Records” function. AHRI Certificates of Product Performance are available for download only for models with the status of discontinued, not obsolete.

1. From “Additional Resources”, select “Search Discontinued and Obsolete Products,” followed by product type.

2. Enter in as little, or as much, of the criteria known or desired. Click “Search” to find results matching entered criteria. Click “Clear” to remove entered search criteria.
3. After clicking “Search”, scroll down to view search results. As desired, continue to refine search results by scrolling up to click “Show Search Fields”, entering additional search criteria, and clicking “Search.”

4. A Certificate of Product Ratings is only available for discontinued models and can be downloaded by clicking the AHRI Reference Number.
Additional Discontinued/Obsolete Search Feature for residential air conditioners and heat pumps and variable mini-split air conditioners and heat pumps

Two new search criteria have been added that allow for additional search functionality by: AHRI 210/240 – 2017 with Addendum 1 (more commonly known as Appendix M) and AHRI 210/240 – 2023 (more commonly known as Appendix M1). These two types are specific only to residential air conditioners and heat pumps and variable mini-split air conditioners and heat pumps.

1. To retrieve records based on one of the two standards, select your standard option under the “Ratings Calculated” by dropdown. To further refine your results, use search criteria under the selected standard.

2. To retrieve records that include data for both standards, enter search criteria under the appropriate category for both standard options without making a selection under “Ratings Calculated by” dropdown. Selecting one of the two standards under “Ratings Calculated by” will limit your search to that particular standard by removing access to criteria fields under the other standard (this search option is covered under 1. above).
Search results area: now displays AHRI Certified Ratings in accordance with AHRI 210/240 - 2017 with Addendum 1 (more commonly known as Appendix M) and AHRI 210/240 - 2023 (more commonly known as Appendix M1).

Do not make a selection.
Find ENERGY STAR and CEE Qualified Products

1. From “Additional Resources”, select “Find ENERGY STAR and CEE Qualified Product.” This will open a new browser window at the CEE Directory of Efficient Equipment.

2. Upon arriving at the CEE site, select a product type. The search function operates like the AHRI Directory “Advanced Search” function.
Navigating Search Results
The search results area contains features, available in all the search types, to find desired records efficiently. The system will display all records that meet users’ search criteria.

Number of Results Shown on Screen
A user may choose to view the search results as 10, 25, 50, 100 or 250 results per page. By default, a maximum of 250 records will appear on each page for the quick, advanced and discontinued and obsolete search functions. The default for the universal search function is 10 records per page. Depending on the selected number of records per screen, screen size, and screen resolution, a user may need to use the horizontal and vertical scroll bars to view all data.
Number of Results Pages
The search area displays the number of records matching the search criteria. As noted in “Number of Results Shown on Screen”, increase the number of records shown on screen to reduce total number of screen pages.

Sort Column Data
The data in a selected column can be sorted alphabetically by clicking the column header.
Downloading an AHRI Certificate of Product Performance

An AHRI Certificate of Product Performance can be downloaded in PDF format for any currently certified AHRI-Certified product. Certificates can be acquired through the Quick, Advanced, and Find ENERGY STAR and CEE Qualified Products search functions.

AHRI Certificates of Product Performance are available for download only for models with the status of active, production stopped and discontinued (within the past five years).

1. Within the search results area, click on an AHRI Certified Reference Number.

2. Open or Save the PDF file for the selected record.
Exporting Search Results to .csv

A non-authenticated user may export search results, up to a maximum of 250 records, to a .csv file.

1. Click “Export Search Results.”

2. Agree to the AHRI Directory Terms. The user may opt not to see the acceptance message again. However, if the computer’s cookies are cleared this acceptance will be lost and the user will have to agree to Terms again the next time s/he attempts to export search results.
3. Open or save the downloaded file.

Verifying an AHRI Certificate of Product Ratings

"Verify a Certificate" is a feature allowing a user to authenticate an AHRI Certificate of Product Ratings.

1. Under Additional Resources, click "Verify a Certificate"
2. Enter the information from the AHRI Certificate of Product Ratings
   a. AHRI Certified Reference Number
   b. Date (as it appears on the certificate)
   c. Certificate Number
3. Click "Retrieve Ratings." The displayed content should match what is shown on the Certificate.
Mobile Application Navigation

Downloading the Mobile App
For an Apple device search “AHRI Directory” or click the below button to be taken directly to the app in the App Store. The app is developed to support Apple iPad 2 or iPhone 5 and above running iOS 8.0 and above.

For an Android device search “AHRI Directory” or click the below button to be taken directly to the app in the Google Play Store. The app is developed to support any devices running 4.4 (Kit Kat) and above.

Features Overview
Public users are able to:

- Conduct product searches
- View model statuses
- Download AHRI Certificate of Product Ratings

Product Search Options
The AHRI Directory app searches for products based on the AHRI Reference Number or the brand and model number combination. The search will return results for all model statuses (active, production stopped, discontinued and obsolete) but is limited to 30 results total. If the record is found, you can view the model status and download the AHRI Certificate of Product Ratings for active, production stopped and discontinued (within the past five years) models.
Steps to search:

1. Tap the SEARCH PRODUCT DATABASE button.

2. Choose either RESIDENTIAL or COMMERCIAL. If steps to search need to be referenced within the app, tap the blue “i.”
3. Begin to type the Product Type into the text box. Associated matches will be displayed in a drop down.

4. Input either the AHRI Reference Number or the Brand and Model Number combination. Any entries in the Model Number(s) fields must contain at least four characters.

5. There are some programs that have multiple model number fields, so the orange GO button may not always be visible. In this case, tap the keyboard GO (for iOS) or NEXT (Android) to proceed to remaining fields until the orange GO button is viewable. The keyboard GO (iOS) or NEXT (Android) button can also be used to initiate a search if the cursor is in the last field on the screen.

6. Tap RESET to clear field values or validation error messages.

Navigating Search Results

The search results area displays three records at time, with a maximum of 30 records total. If necessary, the “Refine search results” function in the upper right corner of the screen can be utilized to search through the returned results.

To view the model status, tap the blue AHRI Reference Number. To show the definition of the model status, tap the blue model status.
Downloading an AHRI Certificate of Product Ratings

An AHRI Certificate of Product Ratings can be downloaded in PDF format for any current AHRI-Certified product, as well as any models that have been discontinued within the past five years. Certificates can be acquired by tapping the PDF icon next to the AHRI Reference Number.

Certificates are not available for products with a model status of obsolete, as these products are not AHRI-Certified.
1. Within the search results area, tap on an AHRI Certified Reference Number to expand the product details.

2. Tap the PDF icon to view the AHRI Certificate of Product Ratings. Android users will have the file automatically downloaded from here and can access the certificate from their file manager.
3. iOS users will be taken to another screen where the certificate is displayed along with the option to save/share the file.