

Geothermal-Direct Geoexchange Heat Pumps (DGX)

Certification Program

AHRI is the world's most trusted source of performance certified heating, cooling, ventilation and commercial refrigeration equipment and components. Only products that have passed AHRI's rigorous third-party testing can display the AHRI Certified mark. Find certified products at www.ahridirectory.org.



Related Standard

Products in the DGX certification program are tested to AHRI Standard 870(I-P)/871 (SI), *Performance Rating of Direct Geoexchange Heat Pumps*.

Program Scope

This program applies to all 60 Hz factory made residential, commercial and industrial production models, as defined in Section 1.2 of the program operations manual, rated up to 100,000 Btu/h at standard rating conditions (cooling).

Program Scope Exclusions

This program does not include individual assemblies, such as condensing units or coils, for separate use.

Certified Ratings

- Cooling capacity, Btu/h
- Energy efficiency ratio, EER, Btu/W x h
- Heating capacity, Btu/h
- Coefficient of performance, COP (if applicable)
- Part load cooling capacity, Btu/h (if applicable)
- Part load energy efficiency ratio, EER, Btu/W x h (if applicable)
- Part load heating capacity, Btu/h (if applicable)
- Part load coefficient of performance, COP (if applicable)

Visit www.ahridirectory.org

Contact
certification@ahrinet.org
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.