

Automatic Commercial Ice-Makers (ACIM)

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 ACIM certification program are tested to AHRI Standard 810(I-P)/811(SI), *Performance Rating of Automatic Commercial Ice-makers*.

Program Scope

This program applies to 60 Hz automatic commercial ice-makers as defined below, for which published ratings are available, and which can be tested in the independent third-party laboratory contracted by AHRI.

Automatic Commercial Ice-Maker

A factory-made assembly (not necessarily shipped in one package) including a condensing unit and ice-making section, operating as an integrated unit, with means for making and harvesting ice. It is an assembly that makes no less than 50.0 lbs [22.7 kg] of ice per day and up to 4,000 lbs [1814.4 kg] of ice per day at standard ratings conditions, and may also include means for storing or dispensing ice, or both. Further definitions are available on AHRI's website.

Certified Ratings

The following Certification Program ratings are verified by test at the Standard Rating Conditions:

- Ice harvest rate, lb/24 hr [kg/24 hr]
- Potable water use rate, gal/100 lb of ice [L/45 kg of ice] (batch type ice-makers only)
- Condenser water use rate, gal/100 lb of ice [L/45 kg of ice]
- Energy consumption rate, kWh/100 lb of ice [kWh/45.0 kg of ice]
- Ice hardness factor, % [%] (continuous type ice-makers only)

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.