

ANSI/AHRI Standard 810 (I-P)

2012 Standard for Performance Rating of Automatic Commercial Ice-Makers



Approved by ANSI on June 12, 2013



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IMPORTANT

SAFETY DISCLAIMER

AHRI does not set safety standards and does not certify or guarantee the safety of any products, components or systems designed, tested, rated, installed or operated in accordance with this standard/guideline. It is strongly recommended that products be designed, constructed, assembled, installed and operated in accordance with nationally recognized safety standards and code requirements appropriate for products covered by this standard/guideline.

AHRI uses its best efforts to develop standards/guidelines employing state-of-the-art and accepted industry practices. AHRI does not certify or guarantee that any tests conducted under its standards/guidelines will be non-hazardous or free from risk.

AHRI CERTIFICATION PROGRAM PROVISIONS

Scope of the Certification Program

The Certification Program includes all Automatic Commercial Ice-Makers as defined in Section 3 and includes all Ice Storage Bins as defined in Section 3 of AHRI Standard 820 (I-P)-2012, *Performance Rating of Ice Storage Bins*.

Certified Ratings

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

- a. Ice Harvest Rate, lb/24 h
- b. Potable Water Use Rate, gal/100 lb of ice (Batch Type Ice-Makers only)
- c. Condenser Water Use Rate, gal/100 lb of ice
- d. Energy Consumption Rate, kWh/100 lb of ice
- e. Bin Theoretical Storage Capacity, lb (Self-Contained Model Ice-Makers only)
- f. Ice Hardness Factor, % (Continuous Type Ice-Makers only)

Note:

This standard supersedes AHRI Standard 810-2007 with Addendum 1.

For SI ratings, see AHRI Standard 811 (SI)-2012.

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