ANSI/AHRI Standard 820-2023 (SI/I-P)

2023 Standard for

Performance Rating of Ice Storage Bins

Approved by ANSI on 10 August 2023

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IMPORTANT

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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.

ICS Code: 27.200

Note:

This standard supersedes AHRI Standard 820 (I-P)-2017 and AHRI Standard 821-2017 (SI).

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Intent

This standard is intended for the guidance of the industry, including manufacturers, engineers, installers, contractors, and users.

Review and Amendment

This standard is subject to review and amendment as technology advances.

2023 Edition

This edition of AHRI Standard 820 was prepared by Automatic Commercial Ice-makers Standards Technical Committee. The standard was approved by the Refrigeration Standards Subcommittee on 29 June 2023. This standard was approved as an American National Standard (ANS) on 10 August 2023.

Origin and Development of AHRI Standard 820

The initial publication was ARI Standard 820-1988, *Ice Storage Bins*. Subsequent revisions were:

ARI Standard 820-1995, *Ice Storage Bins*

AHRI Standard 820-2000, *Ice Storage Bins*

ANSI/AHRI Standard 820 (I-P)-2012, *Performance Rating of Ice Storage Bins*

ANSI/AHRI Standard 821 (SI)-2012, *Performance Rating of Ice Storage Bins*

AHRI Standard 820-2017 (I-P), *Performance Rating of Ice Storage Bins*

AHRI Standard 821-2017 (SI), *Performance Rating of Ice Storage Bins*

Summary of Changes

AHRI Standard 820 (SI/I-P) contains the following updates to the previous edition:

- Consolidated AHRI Standard 821 into AHRI Standard 820 to create a joint unit SI/I-P standard
- Clarified the scope for capacity of ice bins

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Committee Personnel

Automatic Commercial Ice-makers Standards Technical Committee

Participant	Interest Category Classification	Voting Member Role	State or Province / Country
Stephen Schaefer Hoshizaki	Product Manufacturer	Chair	GA, USA
Jim Godiska Follett Products, LLC	Product Manufacturer	Primary	PA, USA
Bill Olson Manitowoc FSG Operations, LLC	Product Manufacturer	Primary	WI, USA
Raúl Perea ITV Ice Makers SL	Product Manufacturer	Primary	Valencia, Spain
Aniruddh Roy Energy Solutions	General Interest	Primary	AB, Canada
Christopher Salatino Scotsman Ice Systems	Product Manufacturer	Primary	IL, USA
Laura Degitz Energy Solutions	Product Manufacturer	Alternate to Aniruddh Roy	CA, USA
Andrew Euclide Manitowoc FSG Operations, LLC	Product Manufacturer	Alternate to Bill Olson	WI, USA
Jonathan Hartman Follett Products, LLC	Product Manufacturer	Alternate to Jim Godiska	OH, USA
Javier Rivera ITV Ice Makers SL	Product Manufacturer	Alternate to Raúl Perea	Valencia, Spain
Daniel Ziolkowski Scotsman Ice Systems	Product Manufacturer	Alternate to Christopher Salatino	IL, USA
AHRI Staff Liaison	James Spalding		

The Automatic Commercial Ice-makers Standards Technical Committee Scope:

The Automatic Commercial Ice-makers Standards Technical Committee (STC) is responsible for the development and maintenance of AHRI standards and guidelines pertaining to the performance ratings of Automatic Commercial Ice-makers and Ice Storage Bins.

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Refrigeration Standards Subcommittee

Participant	Interest Category Classification	Voting Member Role	State or Province / Country
Mike Straub Heat Transfer Products Group, LLC	Product Manufacturer	Chair	AL, USA
Kunal Bansal Heatcraft Worldwide Refrigeration LLC	Product Manufacturer	Primary	GA, USA
Steve Combs Everidge	Product Manufacturer	Primary	VA, USA
Bruce Hierlmeier Zero Zone, Inc.	Product Manufacturer	Primary	WI, USA
Jennifer Kane Trane Technologies	Product Manufacturer	Primary	MO, USA
Scott Martin Hillphoenix	Product Manufacturer	Primary	GA, USA
Ron Shebik Hussmann Corporation	Product Manufacturer	Primary	MO, USA
Vince Zolli KeepRite Refrigeration	Product Manufacturer	Primary	ON, Canada
Karl Best	AHRI Staff Liaison		

Refrigeration Standards Subcommittee Scope:

The scope of the Refrigeration Standards Subcommittee is standards and guidelines related to the end products that are part of the AHRI Refrigeration Industry Sector. (The definition of and list of products associated with each sector are found on AHRI's website.)

These lists represent the membership at the time the Standards Technical Committee and Standards Subcommittee were balloted on the final text of this edition. Since that time, changes in the membership may have occurred. Membership on these committees shall not in and of itself constitute an endorsement by the committee members or their employers of any document developed by the committee on which the member serves.

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