ANSI/AHRI Standard 1161-2023 (SI)

2023 Standard for

Performance Rating of Heat Pump Pool Heaters

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Approved by ANSI on 16 November 2023

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Full document details: AHRI Standard 1161-2023 (SI) - Performance Rating of Heat Pump Pool Heaters

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ICS Code: 27.080

Note:

This standard supersedes ANSI/AHRI Standard 1161-2014 (SI).

For I-P ratings, see ANSI/AHRI Standard 1160-2022 (I-P).

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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 ANSI/AHRI Standard 1161-2023 (SI), *Performance Rating of Heat Pump Pool Heaters*, was prepared by the Water Heaters Standards Technical Committee. It was approved by the Heating Standards Subcommittee on 14 August 2023. This standard was approved as an American National Standard (ANS) on 18 November 2023.

Origin and Development of AHRI 1161

AHRI 1161-2009 (SI) was published as a new standard and was approved as an American National Standard on 3 November 2011.

In 2014 the standard was revised and was approved as an American National Standard on 20 November 2014.

Summary of Changes

ANSI/AHRI Standard 1161-2023 (SI) contains the following updates to the previous edition:

- Updated Table 2 to remove the phrase “but no less than 2.0 L/s.”
- Updated 8.3.2 bullet 1) to refer to AHRI Standard 110, Table 3 instead of AHRI Standard 110, Table 1

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Committee Personnel

Water Heaters Standards Technical Committee

Participant	Interest Category Classification	Voting Member Role	State or Province/ Country
Jeff Kleiss, Chair Lochinvar, LLC	Product Manufacturer	Primary	TN, USA
James Abraham Bosch Thermotechnology Corp	Product Manufacturer	Primary	NH, USA
John Bade 2050 Partners, Inc.	General Interest	Primary	CA, USA
Joe Boros Rheem Sales Company, Inc.	Product Manufacturer	Primary	AL, USA
Abigail Daken U.S. Environmental Protection Agency (Energy Star Program)	Regulatory Agency	Primary	DC, USA
Renee Eddy Rinnai America Corporation	Product Manufacturer	Primary	GA, USA
Julian Ferrante Bradford White Corp.	Product Manufacturer	Primary	PA, USA
George Gurlaskie Duke Energy	General Interest	Primary	NC, USA
Byron Horak Intertek	Testing Laboratory	Primary	NY, USA
Behrooz Mohebbi Pentair Aquatic Systems	Product Manufacturer	Primary	NC, USA
John O'Hare Hayward Industries, Inc.	Product Manufacturer	Primary	NC, USA
Brian Pickett Ariston Thermo USA LLC	Product Manufacturer	Primary	MA, USA
Judd Smith CSA America Testing & Certificate LLC	Testing Laboratory	Primary	OH, USA
Craig Tsai GE Appliances, a Haier Company	Product Manufacturer	Primary	KY, USA
Greg Beaty Hayward Industries, Inc.	Product Manufacturer	Alternate to John O'Hare	TN, USA
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Tyler Styles Intertek	Testing Laboratory	Alternate to Byron Horak	NY, USA

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Participant	Interest Category Classification	Voting Member Role	State or Province/ Country
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Jacob (Cobi) Waxman	AHRI Staff Liaison		

Water Heaters Standards Technical Committee Scope: This committee shall have responsibility for the development and maintenance of AHRI standards and guidelines pertaining to residential and commercial water heaters and pool heaters.

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