



STANDARDS ACTIONS

PUBLIC REVIEW—CALL FOR COMMENTS

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Constructive comments are invited for the following Public Review Drafts, which can be accessed on ASHRAE's website at <https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts>. All activity for reviewing and commenting on public review drafts can be accomplished completely online. To obtain a paper copy of any Public Review Draft contact ASHRAE, Inc. Attn: Standards Public Review, 180 Technology Parkway, Peachtree Corners, GA 30092, or via email at: standards.section@ashrae.org.

Note: Paper copies are available for \$35.00/copy if 100 pages or less and \$45.00 if over 100 pages

**30-day Public Review from
September 6, 2024 to October 6, 2024**

- ♦ **1st Public Review of BSR/ASHRAE/IES Addendum *ah* to ANSI/ASHRAE/IES Standard 90.1-2022, *Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings***

This addendum removes an informative note referring to specific simulation programs, reinforcing the fact that various programs are suitable for implementing 90.1 performance paths provided they are capable of meeting the requirements of 12.4.1, C3.1, and/or G2.2, as appropriate.

- ♦ **1st Public Review of BSR/ASHRAE/IES Addendum *ak* to ANSI/ASHRAE/IES Standard 90.1-2022, *Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings***

This addendum restricts the use of electric resistance heating when a single-zone system is used in warmer climate zones (i.e., above 2B).

- ♦ **1st Public Review of ASHRAE Addendum *a* to ASHRAE Standard 241-2023, *Control of Infectious Aerosols***

This proposed addendum adds two references to the allowable test methods in Appendix A. This proposed addendum also clarifies the use of an AHAM standard for non-residential applications.

- ♦ **1st Public Review of BSR/ASHRAE/IES Addendum *aq* to ANSI/ASHRAE/IES Standard 90.1-2022, *Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings***

The primary purpose of this proposal is to increase the minimum requirement for on-site renewable energy from an output capacity of 0.5 W/sf to 0.75 W/sf, where Section 10.5.1.1 is applicable. It also clarifies values associated with off-site renewable requirements where Section 10.5.1.3 is used instead.

- ♦ **1st Public Review of BSR/ASHRAE/IES Addendum *ar* to ANSI/ASHRAE/IES Standard 90.1-2022, *Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings***

This addendum requires that an ECB and Appendix G analysis be conducted using actual utilities rates or supply contracts from utilities or energy suppliers versus average EIA rates when available.

- ♦ **1st Public Review of BSR/ASHRAE/IES Addendum *av* to ANSI/ASHRAE/IES Standard 90.1-2022, *Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings***

This addendum creates more exacting provisions for envelope alterations. The new format is intended to better communicate the requirements, triggers, and allowances associated with performing an envelope alteration to promote energy efficiency within the impacted area(s).

- ♦ **1st Public Review of BSR/ASHRAE/IES Addendum *az* to ANSI/ASHRAE/IES Standard 90.1-2022, *Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings***

This addendum introduces requirements for the electrical service and controls to be provided where electrical vehicle spaces are present.



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- ♦ **1st Publication Public Review of BSR/ASHRAE Addendum af to ANSI/ASHRAE Standard 15-2022, Safety Standard for Refrigeration Systems**

This proposed addendum better aligns the definitions of evaporator and condenser.

- ♦ **1st Publication Public Review of BSR/ASHRAE Addendum z to ANSI/ASHRAE Standard 15-2022, Safety Standard for Refrigeration Systems**

This proposed addendum better harmonizes the requirements for Group A2L refrigerants in Sections 7.6 and 7.7. It specifically better aligns the requirements on refrigerant charge limits and ventilation. Changes related to Addendum e of the 2022 edition of ASHRAE Standard 15 are also noted, as they affect the same section.

- ♦ **3rd Public Review Draft of BSR/ASHRAE/ASHE Addendum k to ANSI/ASHRAE/ASHE Standard 170-2021, Ventilation of Health Care Facilities**

The proposed addendum clarifies that this section applies to the central systems that provide cooling or heating by changing the name of the section. It adds requirement for cooling reserve capacity in addition to the heating reserve capacity for spaces already listed in this section. This provides guidance to designers to a minimum reserve capacity required to start with and engage with the facility on what their operational needs are. The addendum also takes out the onsite fuel requirement from 6.1.2.1 so that the exception to 6.1.2.1 does not apply to it anymore. Its added back in 6.1.2.2 as its own requirement. The addendum removes the lower limit of 400 ton cooling load as the starting point for considering any reserve capacity for cooling in Inpatient and Residential Health Care facilities.

- ♦ **2nd Public Review of BSR/ASHRAE/ASHE Addendum j to ANSI/ASHRAE/ASHE Standard 189.3-2021, Design, Construction, and Operation of Sustainable High-Performance Health Care Facilities**

The second public review of this draft addresses comments from the first public review and clarifies the requirements for scope 3 emissions, finish schedules, and plans for addressing allergens from cleaning products in sensitive care populations.

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**45-day Public Review from
September 6, 2024 to October 21, 2024**

- ♦ **1st Public Review of BSR/ASHRAE/IES Addendum at to ANSI/ASHRAE/IES Standard 90.1-2022, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings**

This addendum modifies Section 12, Appendix G, and other associated requirements to reflect the latest Standard 140 requirements by which building performance simulation programs must now be evaluated.

- ♦ **1st Public Review Draft of BSR/ASHRAE Standard 40-2014R, Methods of Testing for Rating Heat-Operated Unitary Air-Conditioning and Heat-Pump Equipment (First Public Review Draft)**

This revision of ANSI/ASHRAE Standard 40-2014 is a substantial update of the standard. The standard provides test methods for determining the heating and cooling output capacities and energy inputs of unitary air-conditioning and heat pump equipment that is heat-operated.

ERRATA

A new errata sheet for the following standard is now available on the ASHRAE website at <http://www.ashrae.org/standards-errata>.

- ♦ **ANSI/ASHRAE STANDARD 90.2-2024 High-Performance Energy Design of Residential Building**, dated September 4, 2024. This is a new errata sheet and does not replace any existing errata.
- ♦ **ANSI/ASHRAE STANDARD 62.1-2019 User's Manual**, dated August 30, 2024. This is a new errata sheet and does not replace any existing errata.



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PUBLICATION NOTICE

The standards and guideline documents listed below are now available for purchase on the ASHRAE website at: <http://www.ashrae.org/published-standards>, or by contacting the Sales Department at: ASHRAE, 180 Technology Parkway, Peachtree Corners, GA 30092. Email: orders@ashrae.org. Fax: 404-321-5479. Telephone: 404.636.8400 (worldwide) or toll free at 1.800.527.4723 for orders in the U.S. and Canada. Addenda may be downloaded for free on the ASHRAE website at: <http://www.ashrae.org/standards-addenda>.

- ♦ *ASHRAE Addendum a to ASHRAE Guideline 10-2023, Interactions Affecting the Achievement of Acceptable Indoor Environments*
- ♦ *ANSI/ASHRAE Addendum w to ANSI/ASHRAE Standard 15-2022, Safety Standard for Refrigeration Systems*
- ♦ *ANSI/ASHRAE Addendum g to ANSI/ASHRAE Standard 15.2-2022, Safety Standard for Refrigeration Systems in Residential Applications*
- ♦ *ANSI/ASHRAE Addendum h to ANSI/ASHRAE Standard 15.2-2022, Safety Standard for Refrigeration Systems in Residential Applications*
- ♦ *ANSI/ASHRAE Addendum af to ANSI/ASHRAE Standard 34-2022, Designation and Safety Classification of Refrigerants*
- ♦ *ANSI/ASHRAE Addendum ag to ANSI/ASHRAE Standard 34-2022, Designation and Safety Classification of Refrigerants*
- ♦ *ANSI/ASHRAE Addendum ai to ANSI/ASHRAE Standard 34-2022, Designation and Safety Classification of Refrigerants*
- ♦ *ANSI/ASHRAE Addendum aj to ANSI/ASHRAE Standard 34-2022, Designation and Safety Classification of Refrigerants*
- ♦ *ANSI/ASHRAE Addendum ak to ANSI/ASHRAE Standard 34-2022, Designation and Safety Classification of Refrigerants*
- ♦ *ANSI/ASHRAE Addendum al to ANSI/ASHRAE Standard 34-2022, Designation and Safety Classification of Refrigerants*

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- ♦ *ANSI/ASHRAE Addendum am to ANSI/ASHRAE Standard 34-2022, Designation and Safety Classification of Refrigerants*
- ♦ *ANSI/ASHRAE Addendum ab to ANSI/ASHRAE Standard 34-2022, Designation and Safety Classification of Refrigerants*
- ♦ *ANSI/ASHRAE Addendum n to ANSI/ASHRAE Standard 34-2022, Designation and Safety Classification of Refrigerants*
- ♦ *ASHRAE Addendum a to ASHRAE Guideline 36-2021, High Performance Sequences of Operation for HVAC Systems*
- ♦ *ASHRAE Addendum n to ASHRAE Guideline 36-2021, High Performance Sequences of Operation for HVAC Systems*
- ♦ *ASHRAE Addendum q to ASHRAE Guideline 36-2021, High Performance Sequences of Operation for HVAC Systems*
- ♦ *ASHRAE Addendum y to ASHRAE Guideline 36-2021, High Performance Sequences of Operation for HVAC Systems*
- ♦ *ANSI/ASHRAE Addendum b to ANSI/ASHRAE Standard 72-2022, Method of Testing Open and Closed Commercial Refrigerators and Freezers*
- ♦ *ANSI/ASHRAE Addendum f to ANSI/ASHRAE Standard 147-2019, Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems*
- ♦ *ANSI/ASHRAE Addendum a to ANSI/ASHRAE Standard 154-2022, Ventilation for Commercial Cooking Operations*
- ♦ *ANSI/ASHRAE/ASHE Addendum p to ANSI/ASHRAE/ASHE Standard 170-2021, Ventilation of Health Care Facilities*
- ♦ *ANSI/ASHRAE/ASHE Addendum q to ANSI/ASHRAE/ASHE Standard 170-2021, Ventilation of Health Care Facilities*
- ♦ *ANSI/ASHRAE/IBPSA Addendum b to ANSI/ASHRAE Standard 209-2018, Energy Simulation Aided Design for Buildings Except Low-Rise Residential Buildings*



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- ♦ *ANSI/ASHRAE/IBPSA Addendum g to ANSI/ASHRAE Standard 209-2018, Energy Simulation Aided Design for Buildings Except Low-Rise Residential Buildings*
- ♦ *ANSI/ASHRAE/IBPSA Addendum h to ANSI/ASHRAE Standard 209-2018, Energy Simulation Aided Design for Buildings Except Low-Rise Residential Buildings*
- ♦ *ANSI/ASHRAE/IBPSA Addendum k to ANSI/ASHRAE Standard 209-2018, Energy Simulation Aided Design for Buildings Except Low-Rise Residential Buildings*
- ♦ *ANSI/ASHRAE/IBPSA Addendum L to ANSI/ASHRAE Standard 209-2018, Energy Simulation Aided Design for Buildings Except Low-Rise Residential Buildings*

INTERIM MEETINGS

A complete listing of project committee interim meetings is provided on ASHRAE's website at:

<https://www.ashrae.org/technical-resources/standards-and-guidelines/project-committee-interim-meetings>

- ♦ **SPC 129-1997R, *Estimation of Ventilation Effectiveness for Ventilated Indoor Spaces***, The Definitions and Metrics working group of SPC 129 will hold web meetings from 2:00 pm to 4:00 pm (Eastern) on the following dates:

- ⇒ September 17, 2024
- ⇒ October 15, 2024
- ⇒ November 19, 2024
- ⇒ December 17, 2024

For additional information, please contact Thomas Smith, Chair of SPC 129 (tcsmith@3flow.com) or the working group lead Craig Wray (pharmeng@shaw.ca).

INTERPRETATIONS

New official interpretations to the following standards are now available on the ASHRAE website at:

<http://www.ashrae.org/standards-interpretations>

- ♦ **ANSI/ASHRAE STANDARD 135-2020-31 BACnet® - *A Data Communication Protocol for Building Automation and Control Networks***, dated June 22, 2024. Refers to ANSI/ASHRAE Standard 135-2020, Clause AB.7.4, relating to Date and Time properties of the Device object.
- ♦ **ANSI/ASHRAE STANDARD 135-2020-32 BACnet® - *A Data Communication Protocol for Building Automation and Control Networks***, dated June 22, 2024. Refers to ANSI/ASHRAE Standard 135-2020 and pertains to the default values of the value source properties.
- ♦ **ANSI/ASHRAE STANDARD 135-2020-33 BACnet® - *A Data Communication Protocol for Building Automation and Control Networks***, dated June 22, 2024. Refers to ANSI/ASHRAE Standard 135-2020 Addendum *cf* and the change from Must Understand to Every Segment in Data Options.
- ♦ **ANSI/ASHRAE STANDARD 135-2020-34 BACnet® - *A Data Communication Protocol for Building Automation and Control Networks***, dated June 22, 2024. Refers to ANSI/ASHRAE Standard 135-2020 and pertains to the expectations of a BACnet/SC device when it receives a message with a data option it does not understand.
- ♦ **ANSI/ASHRAE STANDARD 135-2020-35 BACnet® - *A Data Communication Protocol for Building Automation and Control Networks***, dated June 22, 2024. Refers to ANSI/ASHRAE Standard 135-2020 and pertains to the expectations of a BACnet/SC to BACnet/SC router when it receives a message that it is required to route that contains a data option it does not understand.
- ♦ **ANSI/ASHRAE STANDARD 135-2020-36 BACnet® - *A Data Communication Protocol for Building Automation and Control Networks***, dated June 22, 2024. Refers to ANSI/ASHRAE Standard 135-2020, Addendum *cc* and pertains to BIBB NM-CC-A and the requirement to read and write files referenced in the Network Port object.



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JOIN A LISTSERVE

Click on the following link to learn more about ASHRAE Standards Activities <https://www.ashrae.org/listserves>.

- ♦ GPC 36 — High Performance Sequences of Operation for HVAC Systems
- ♦ SSPC 41 — Standard Methods for Measurement
- ♦ SSPC 62.1 — Ventilation for Acceptable Indoor Air Quality
- ♦ SSPC 62.2 — Ventilation and Acceptable Indoor Air Quality in Residential Buildings
- ♦ SSPC 90.1 — Energy Standard for Buildings Except Low-Rise Residential Buildings
- ♦ SSPC 90.2 — Energy Efficient Design of Low-Rise Residential Buildings
- ♦ SPC 90.4 — Energy Standard for Data Centers and Telecommunications Buildings
- ♦ SSPC 161 — Air Quality within Commercial Aircraft
- ♦ SSPC 189.1 — Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings
- ♦ SPC 201 — Facility Smart Grid Information Model
- ♦ ASHRAE Standards Action list serve
- ♦ Code Interaction Subcommittee (CIS)