



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://osr.ashrae.org>. 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. Paper copies are \$35.00/copy if 100 pages or less and \$45.00 if over 100 pages.

**30-day Public Review from
July 2, 2021 to August 1, 2021**

- ♦ **2nd ISC Public Review of BSR/ASHRAE Addendum *by* to ANSI/ASHRAE Standard 135-2020, BACnet - A Data Communication Protocol for Building Automation and Control Networks**

This addendum adds new property Write Every Schedule Action to the Schedule object, fixes XML namespace, and prevents Remote Traffic Duplication.

- ♦ **3rd ISC Public Review of BSR/ASHRAE Addendum *ca* to ANSI/ASHRAE Standard 135-2020, BACnet - A Data Communication Protocol for Building Automation and Control Networks**

This addendum introduces the Concept of Color for BACnet; adds new Color object type, new Color Temperature object type, color-reference properties to LO and BLO object types, and high/low trim to LO object type; and makes aggregated changes to Clauses 21 and 25.

- ♦ **3rd Public Review ISC of BSR/ASHRAE/ICC/USGBC/IES Addendum *aq* to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2020, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings***

This ISC clarifies and adds flexibility to the requirements for plant selection on greenfield building projects. It also removes the limitation that had been in place for the use of vegetative roof systems, which may need to be employed to a greater extent in urban settings.

- ♦ **1st Public Review of BSR/ASHRAE/ICC/USGBC/IES Addendum *f* to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2020, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings***

This addendum proposes changes that would lend more practicality to the Invasive Plant requirements (5.3.3.1) which at present are considered difficult to implement and enforce. Specifically, a new exception is added that excludes plants used as turfgrass or for human consumption. Also included are resources to assist jurisdictions with identifying regional invasive plant lists or developing one of their own.

- ♦ **1st Public Review of BSR/ASHRAE/ASHE Addendum *a* to ANSI/ASHRAE/ASHE Standard 189.3-2021, *Design, Construction, and Operation of Sustainable High-Performance Health Care Facilities***

This proposed addendum addresses the issue presented by patients or residents being in beds, chairs, or required fixed positions that would make it difficult to look up or out to gain the view fenestration. Additionally, it adjusts the line of sight distance for the additional area generally utilized in assisted living facilities.

**45-day Public Review
July 2, 2021 – August 16, 2021**

- ♦ **1st Public Review of BSR/ASHRAE/IES Addendum *ag* to ANSI/ASHRAE/IES Standard 90.1-2019, *Energy Standard for Buildings Except Low-Rise Residential Buildings***

Addendum *ag* adds an optional Mechanical System Performance path that allows HVAC system efficiency tradeoffs. The intent is to provide an alternative to a completely prescriptive-based approach to 90.1 compliance without requiring whole-building energy modeling. This approach can capture tradeoffs between heating or cooling efficiency and other system design choices like ductwork and pipe sizing and pumping or ventilation configuration. To ensure that equivalent energy savings are maintained compared to the current requirements, a new metric is also being introduced for evaluating HVAC systems under the new performance path: the Total System Performance Ratio (TSPR).



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This new Mechanical System Performance path and metric is explained through additions to Section 6 as well as a new Appendix J that defines how software will be designed for the simplified HVAC system analysis.

- ♦ **1st Public Review of BSR/ASHRAE/ICC/USGBC/IES Addendum g to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings**

This addendum updates Table B-7 for efficiency of heat rejection equipment. Equipment efficiencies currently equal to 90.1 values are being raised by 5%. This addendum also reflects that R507A has been eliminated from the market and replaced with R-448A. Finally, a few corrections to the published 2020 version of Table B-7 were identified and noted within this addendum.

ERRATA

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

- ♦ ASHRAE Guideline 28-2016, *Air Quality within Commercial Aircraft*, dated June 29, 2021. This replaces the version dated June 25, 2021.
- ♦ ANSI/ASHRAE Addendum *i* to ANSI/ASHRAE Standard 34-2019, *Designation and Safety Classification of Refrigerants*, dated June 25, 2021.

INTERPRETATIONS

New official interpretations to the following standard ISnow available on the ASHRAE website at: <http://www.ashrae.org/standards-interpretations>.

- ♦ **ANSI/ASHRAE Standard 62.1-2013, Ventilation For Acceptable Indoor Air Quality**, dated: June 24, 2021. Refers to the requirements presented in ANSI/ASHRAE Standard 62.1-2013, Section 6.4, regarding the natural ventilation procedure.

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>.

- ♦ **GPC 37, Guidelines for the Application of Upper-Air (Upper Room) Ultraviolet Germicidal (UV-C) Devices to Control the Transmission of Airborne Pathogens**, will hold conference calls from 1:00 pm to 3:00 pm on the following dates:

- ⇒ July 9, 2021
- ⇒ July 23, 2021
- ⇒ August 6, 2021
- ⇒ August 20, 2021
- ⇒ September 3, 2021
- ⇒ September 17, 2021
- ⇒ October 8, 2021
- ⇒ October 22, 2021
- ⇒ November 5, 2021
- ⇒ November 19, 2021
- ⇒ December 3, 2021
- ⇒ December 17, 2021

For additional information contact Richard Vincent, Chair of GPC 37 (vincentr1777@gmail.com).

- ♦ **SSPC 127, Method of Testing for Rating Air Conditioning Units Serving Data Center (DC) and Other Information Technology Equipment (ITE) Spaces**, will hold a conference call on July 15, 2021 from 2:00 pm to 3:00 pm (Eastern). For additional information contact John Bean, Chair of SSPC 127 (beanjohnh@icloud.com)

- ♦ **SSPC 147, Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems**, will hold a conference call on August 18, 2021 from 2:00 pm to 5:00 pm (Eastern). For additional information contact Christopher Williams, Chair of SSPC 147 (chriswadewilliams@gmail.com).



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INTERIM MEETINGS

- ♦ **SPC 213P, *Method for Calculating Moist Air Thermodynamic Properties***, will hold a web meeting on July 14, 2021 from 9:00 am to 11:00 am (Eastern). For additional information, please contact Vikrant Aute, Chair of SPC 213 (vikrant@umd.edu)
- ♦ **SPC 224P, *Standard for the Application of Building Information Modeling***, will hold a conference call on July 15, 2021 from 2:00 pm to 3:00 pm (Eastern). For additional information contact Stephen Roth, Chair of SPC 224 (stephenroth@gmail.com).

PUBLICATION NOTICE

The addenda listed below are now available for free download on the ASHRAE website at: <http://www.ashrae.org/standards-addenda>.

- ♦ **ANSI/ASHRAE Addenda *q, r and s* to ANSI/ASHRAE Standard 34-2019, *Designation and Safety Classification of Refrigerants***
- ♦ **ANSI/ASHRAE Addenda *e and f* to ANSI/ASHRAE Standard 55-2020, *Thermal Environmental Conditions for Human Occupancy***
- ♦ **ANSI/ASHRAE Addendum *f* to ANSI/ASHRAE Standard 62.1-2019, *Ventilation for Acceptable Indoor Air Quality***
- ♦ **ANSI/ASHRAE/IES Addendum *ab* to ANSI/ASHRAE/IES Standard 90.1-2019, *Energy Standard for Buildings Except Low-Rise Residential Buildings***
- ♦ **ANSI/ASHRAE/IES Addendum *b* to ANSI/ASHRAE/IES Standard 90.2-2018, *Energy Efficient Design of Low-Rise Residential Buildings***
- ♦ **ANSI/ASHRAE Addendum *a* to ANSI/ASHRAE Standard 160-2016, *Criteria for Moisture-Control Design Analysis in Buildings***
- ♦ **ANSI/ASHRAE/ICC/USGBC/IES Addenda *d and e* to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2020, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings***

JOIN A LISTSERVE

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

- ⇒ [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 Low-Rise 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 188 — Legionellosis: Risk Management for Building Water Systems](#)
- ⇒ [SSPC 189.1 — Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings](#)
- ⇒ [Code Interaction Subcommittee \(CIS\) Listserve](#)