



STANDARDS ACTIONS

PUBLIC REVIEW—CALL FOR COMMENTS

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
October 20, 2023, to November 19, 2023**

- ♦ **3rd Public Review (Independent Substantive Change) 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 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 sign distance for the additional area generally utilized in assisted living facilities.

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

This proposed addendum updates the publication years of several referenced standards to the most current editions.

- ♦ **BSR/ASHRAE Addendum *h* to ANSI/ASHRAE Standard 62.2-2022, *Ventilation and Acceptable Indoor Air Quality in Residential Buildings* (First Public Review Draft)**

This addendum would add language in the scope to describe that IAQ may be unacceptable even if all requirements are met, because of contaminant transport from adjacent spaces. The proposed addition is to recognize the impact of adjacent spaces on dwelling unit IAQ.

**45-day Public Review from
October 20, 2023, to December 4, 2023**

- ♦ **BSR/ASHRAE Standard 158.2-2018R, *Methods of Testing Capacity of Refrigerant Pressure Regulators* (First Public Review Draft)**

This revision of ANSI/ASHRAE Standard 158.2-2018 provides methods of determining the mass flow capacity of refrigerant pressure regulators with sufficient accuracy to facilitate proper engineering application of the device in systems operating at various conditions.



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NEW REVISION PROJECT APPROVED

Standards Committee approved the following new revision project. The TPS for this project is not available for public review comment at this time. If you would like to comment, please email Ryan Shanley at:

Standards.Section@ashrae.org.

- ♦ **ASHRAE Guideline 4-2019R, *Preparation of Operating and Maintenance Documentation for HVAC&R Systems***
- ♦ **ANSI/ASHRAE Standard 20-2019R, *Methods of Laboratory Testing Remote Mechanical-Draft Air-Cooled Refrigerant Condensers***
- ♦ **ANSI/ASHRAE Standard 24-2019R, *Methods of Testing for Rating Evaporators Used for Cooling Liquids***
- ♦ **ANSI/ASHRAE Standard 25-2018R, *Methods of Testing Forced Convection and Natural Convection Air Coolers for Refrigeration***
- ♦ **ANSI/ASHRAE Standard 126-2020R, *Methods of Testing HVAC Air Ducts***
- ♦ **ANSI/ASHRAE Standard 128-2018R, *Method of Rating Portable Air Conditioners***
- ♦ **ANSI/ASHRAE Standard 217-2020R, *Non-Emergency Ventilation in Enclosed Road, Rail and Mass Transit Facilities***
- ♦ **ANSI/ASHRAE Standard 63.2-2017R, *Method of Testing Liquid-Line Filter Drier Filtration Capability***
- ♦ **ANSI/ASHRAE Standard 84-2020R, *Method of Testing Air-to-Air Heat/Energy Exchangers***
- ♦ **ANSI/ASHRAE Standard 158.1-2019R, *Methods of Testing Capacity of Refrigerant Solenoid Valves***
- ♦ **ANSI/ASHRAE/ACCA Standard 183-2007R (RA2020), *Peak Cooling and Heating Load Calculations in Buildings Except Low-Rise Residential Buildings***
- ♦ **ANSI/ASHRAE Standard 200-2018R, *Methods of Testing Chilled Beams***
- ♦ **ANSI/ASHRAE Standard 206-2013R, *Method of Testing for Rating of Multi-Purpose Heat Pumps for Residential Space Conditioning and Water Heating***



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NEW PROJECTS—CALL FOR MEMBERS

A *Call for Members* is announced for the following new project committee. Persons who are interested in serving on this ASHRAE committee are asked to indicate their interest by completing the online membership application forms listed under Instructions for New Applicants at <https://www.ashrae.org/pcmemberapp> or by contacting Ryan Shanley at: ASHRAE, 180 Technology Parkway, Peachtree Corners, GA 30092; phone: 678-539-1138; fax: 678-539-2138; email Standards.Section@ashrae.org.

♦ **ASHRAE Guideline 4-2019R, *Preparation of Operating and Maintenance Documentation for HVAC&R Systems***

Purpose: To guide those responsible for the design, construction and commissioning of building HVAC&R systems in the preparation of and delivery of operating and maintenance (O&M) documentation that is easy to use, is simple to prepare and update, provides accurate and adequate information, and is delivered on time.

Scope: This guideline covers the format contents, delivery and maintenance of HVAC building systems O&M documentation that is normally provided by the building design and construction team members.

♦ **ANSI/ASHRAE Standard 20-2019R, *Methods of Laboratory Testing Remote Mechanical-Draft Air-Cooled Refrigerant Condensers***

Purpose: This standard prescribes methods of laboratory testing remote mechanical-draft, air-cooled refrigerant condensers.

Scope: This standard applies :

- a. methods of laboratory testing for obtaining performance data,
- b. definition of terms,
- c. specification of data to be recorded,
- d. calculation formulas,
- e. test limits and tolerances, and
- f. apparatus and instrumentation with associated accuracies.



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♦ **ANSI/ASHRAE Standard 24-2019R, *Methods of Testing for Rating Evaporators Used for Cooling Liquids***

Purpose: This standard prescribes methods of testing the thermal performance and liquid-side pressure drop of evaporators that operate at subcritical pressures of the evaporating refrigerant.

Scope: This standard

- a. lists and defines the terms for rating the thermal performance and liquid-side pressure drop of evaporators used for cooling liquids;
- b. establishes the methods of test that shall be used as a basis for obtaining the thermal performance and pressure drop of evaporators that operate at subcritical pressures of the evaporating refrigerant; and
- c. applies to laboratory testing for purposes of rating evaporators within its scope. This standard is not intended for field testing of evaporators of any type. This standard does not apply to liquid-phase refrigerant mass flow measurements where the liquid flow includes circulating lubricant. Those measurements are within the scope of ASHRAE Standard 41.10.



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♦ **ANSI/ASHRAE Standard 25-2018R, *Methods of Testing Forced Convection and Natural Convection Air Coolers for Refrigeration***

Purpose: This standard shall establish uniform methods of testing for obtaining performance data, list and define the terms used in testing, specify data to be recorded and formulas to be used in calculations, and set limits and tolerances in testing.

Scope:

2.1 This standard applies to factory made, forced-circulation, free-delivery unit coolers operating with a volatile refrigerant fed by either direct expansion or liquid overfeed at wet and/or dry conditions.

2.2 This standard does not include:

- a. Air conditioning units use primarily for comfort cooling for which testing methods are given in other standards
- b. Unit coolers operating at latent load conditions with a refrigerant saturation temperature of less than 32°F [0°C]
- c. Unit coolers installed in or connected to ductwork or with external air resistance devices not provided by the manufacturer
- d. Unit coolers using zeotropic refrigerants with glides greater than 12.6°F [7.0°C]
- e. Field testing of unit coolers



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♦ **ANSI/ASHRAE Standard 126-2020R, *Methods of Testing HVAC Air Ducts***

Purpose: This standard provides laboratory test procedures for the evaluation of HVAC air ducts

Scope:

2.1 This standard includes procedures to determine the structural strength, dimensional stability, durability, and leakage characteristics of HVAC air ducts.

2.2 This standard does not cover:

- a. fittings
- b. effects of aerosols, solid particulates, corrosive environments, or combustibility
- c. long-term effects of extended service
- d. seismic qualifications
- e. underground ducts
- f. plenums and equipment casings
- g. supports for ductwork and fittings

♦ **ANSI/ASHRAE Standard 128-2018R, *Method of Rating Portable Air Conditioners***

Purpose: The purpose of this standard is to establish a uniform set of requirements for rating the cooling capacity of portable air conditioners.

Scope: This standard applies to portable air conditioners with a rated cooling capacity of 19,000 watts (65,000 Btu/h) and above, including those with heating capacity.

The standard does not apply to:

- a. the testing and rating of individual assemblies, such as condensing units or direct expansion fan coil units for separate use;
- b. air conditioners that are computer or data processing room air conditioners within the scope of ANSI/ASHRAE 127-2007; and
- c. room air conditioners within the scope of CAN/CSA-C368.1 or AHAM RAC-1.



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- ♦ **ANSI/ASHRAE Standard 217-2020R, *Non-Emergency Ventilation in Enclosed Road, Rail and Mass Transit Facilities***

Purpose: This standard provides minimum ventilation requirements for ventilation systems within enclosed transportation facilities during non-emergency operating conditions.

Scope:

- 2.1 This standard applies to enclosed transportation facilities, which consist of road tunnels, railway tunnels, mass transit tunnels and mass transit stations.
- 2.2 This standard provides criteria for non-emergency ventilation.
- 2.3 This standard addresses the design, construction, commissioning, operation and maintenance requirements of non-emergency ventilation systems and equipments.



STANDARDS ACTIONS

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 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
- ♦ SPC 201 — Facility Smart Grid Information Model
- ♦ ASHRAE Standards Action list serve
- ♦ Code Interaction Subcommittee (CIS)