



# ADDENDA

**ANSI/ASHRAE Addendum x to  
ANSI/ASHRAE Standard 62.2-2019**

# Ventilation and Acceptable Indoor Air Quality in Residential Buildings

Approved by the ASHRAE Standards Committee and the ASHRAE Board of Directors on February 5, 2020; and by the American National Standards Institute on March 2, 2020.

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## FOREWORD

*Several questions have arisen from users of the standard and within the SSPC regarding requirements for installation and operation of mechanical ventilation systems. The changes in this addendum are intended to clarify the requirements for complying with the standard. The changes introduce a specific paragraph to address operation requirements (Section 4.4.2). Note that the deletion of the last sentence in Section 4.4.1 does not remove the requirement to label controls. These are still required per existing text in Section 6.2 "Controls and Labeling".*

**Note:** In this addendum, changes to the current standard are indicated in the text by underlining (for additions) and ~~striketrough~~ (for deletions) unless the instructions specifically mention some other means of indicating the changes.

### Addendum x to Standard 62.2-2019

*Revise Section 4 as shown. The remainder of Section 4 is unchanged.*

## 4. DWELLING-UNIT VENTILATION

Each dwelling unit shall be provided with a mechanical ventilation system that complies with the requirements of Sections 4.1 through 4.4, Section 4.5, or Section 4.6. ~~A dwelling unit ventilation system shall be installed in compliance with Sections 4.1 through 4.4, Section 4.5, or Section 4.6.~~

**4.1 Ventilation Rate.** A mechanical exhaust system, supply system, or combination thereof shall be designed and provided with the capacity to deliver outdoor air ventilation to the whole dwelling unit at a continuous rate not less than that specified in Sections 4.1.1 through 4.1.4. ~~A mechanical exhaust system, supply system, or combination thereof shall be installed to operate for each dwelling unit to provide continuous dwelling unit ventilation with outdoor air at a rate not less than specified in Section 4.1.1.~~

[ . . . ]

### 4.4 Control and Operation.

**4.4.1 Control.** An readily accessible manual ON-OFF control readily accessible to the dwelling-unit occupant, including but not limited to a fan switch or a dedicated branch-circuit over-current device, shall be provided. ~~Controls shall include text or an icon indicating the system's function.~~

**Exception to 4.4.1:** For multifamily dwelling units, the ~~manual~~ ON-OFF control shall not be required to be readily accessible to the dwelling-unit occupant.

**4.4.2 Operation.** The system shall be operated as designed.

**4.5 Variable Mechanical Ventilation.** Dwelling-unit mechanical ventilation systems designed to provide variable ventilation shall comply with Section 4.5.1, 4.5.2, or 4.5.3. Sections 4.5.2 and 4.5.3 also require compliance with Normative Appendix C and require verification with supporting documentation from the manufacturer, designer, or specifier of the ventilation control system that the system meets the requirements of these sections. Where the dwelling-unit ventilation rate varies based on occupancy, occupancy shall be determined by occupancy sensors or by an occupant-programmable schedule. Operation shall comply with Section 4.4.2.

## **POLICY STATEMENT DEFINING ASHRAE'S CONCERN FOR THE ENVIRONMENTAL IMPACT OF ITS ACTIVITIES**

ASHRAE is concerned with the impact of its members' activities on both the indoor and outdoor environment. ASHRAE's members will strive to minimize any possible deleterious effect on the indoor and outdoor environment of the systems and components in their responsibility while maximizing the beneficial effects these systems provide, consistent with accepted Standards and the practical state of the art.

ASHRAE's short-range goal is to ensure that the systems and components within its scope do not impact the indoor and outdoor environment to a greater extent than specified by the Standards and Guidelines as established by itself and other responsible bodies.

As an ongoing goal, ASHRAE will, through its Standards Committee and extensive Technical Committee structure, continue to generate up-to-date Standards and Guidelines where appropriate and adopt, recommend, and promote those new and revised Standards developed by other responsible organizations.

Through its *Handbook*, appropriate chapters will contain up-to-date Standards and design considerations as the material is systematically revised.

ASHRAE will take the lead with respect to dissemination of environmental information of its primary interest and will seek out and disseminate information from other responsible organizations that is pertinent, as guides to updating Standards and Guidelines.

The effects of the design and selection of equipment and systems will be considered within the scope of the system's intended use and expected misuse. The disposal of hazardous materials, if any, will also be considered.

ASHRAE's primary concern for environmental impact will be at the site where equipment within ASHRAE's scope operates. However, energy source selection and the possible environmental impact due to the energy source and energy transportation will be considered where possible. Recommendations concerning energy source selection should be made by its members.

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As an industry leader in research, standards writing, publishing, certification, and continuing education, ASHRAE and its members are dedicated to promoting a healthy and sustainable built environment for all, through strategic partnerships with organizations in the HVAC&R community and across related industries.

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