



**BSR/ASHRAE Addendum x
to ANSI/ASHRAE Standard 62.2-2016**

Public Review Draft

Proposed Addendum x to Standard 62.2-2016, Ventilation and Acceptable Indoor Air Quality in Residential Buildings

**First Public Review (August 2019)
(Draft shows Proposed Changes to Current Standard)**

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FOREWORD

Several questions have arisen from users of the standard and within the SSPC itself regarding requirements for installation and operation of mechanical ventilation systems. The changes proposed in this addendum are intended to clarify the requirements for complying with the standard. The changes introduce a specific paragraph to address operation requirements (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”. The term “accessible” when referring to access to controls is defined under another addendum (addendum w) that is also being publicly reviewed at this time.

[Note to Reviewers: This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~striking through~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the current standard are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.]

Addendum x to 62.2-2016

Revise Section 4 as shown below. 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 overcurrent device, shall be provided. ~~Controls shall include text or an icon indicating the system’s function.~~

Exception: 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.