



**BSR/ASHRAE Addendum r
to ANSI/ASHRAE Standard 62.2-2025**

Public Review Draft

Proposed Addendum r to Standard 62.2-2025, Ventilation and Acceptable Indoor Air Quality in Residential Buildings

**Third Public Review (June 2026)
(Draft shows Proposed Changes to Current Standard)**

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FOREWORD

This proposed addendum would broaden the scope of Standard 62.2 to cover spaces adjacent to dwelling units that are not covered by other ASHRAE standards (i.e., ASHRAE Standard 62.1 or ASHRAE/ASHE Standard 170). Adjacent spaces that are outside the dwelling unit, such as crawl spaces or attics, may impact the indoor air quality within the dwelling unit. By adding these spaces to the scope of Standard 62.2, addenda could be proposed that would add requirements for these adjacent spaces to improve the indoor air quality in the dwelling unit.

[Note to Reviewers: This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~striketrough~~ (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 r to 62.2-2025

Revise Section 2 Scope as shown below.

1. PURPOSE

This standard defines the roles and minimum requirements for mechanical and natural ventilation systems and other measures intended to provide acceptable indoor air quality (IAQ) in individual dwelling units.

2. SCOPE

2.1 This standard applies to dwelling units in residential occupancies designed for nontransient occupancy.

2.24 This standard includes requirements for foundation spaces adjacent to dwelling units which impact acceptable indoor air quality in the dwelling unit, such as crawlspaces and basements.

2.43 This standard considers chemical, physical, and biological contaminants that can affect air quality. Thermal comfort requirements are not included in this standard.

Informative Note: See ANSI/ASHRAE Standard 55, *Thermal Environmental Conditions for Human Occupancy*, for thermal comfort requirements.

2.42 While acceptable IAQ is the goal of this standard, it will not necessarily be achieved even if all requirements are met

- a. because of the diversity of sources and contaminants in indoor air and the range of susceptibility in the population;
- b. because of the many other factors that may affect occupant perception and acceptance of IAQ, such as air temperature, humidity, noise, lighting, and psychological stress;

- c. if the ventilation air is unacceptable and this air is brought into the dwelling unit without first being cleaned;
- d. if the system or systems are not operated and maintained as designed; or
- e. when high-polluting events occur.

Revise Section 6.1.4 as shown below.

6.1.4 Ground Covers in Foundation Spaces ~~within the Dwelling-Unit Boundary~~. A Class I ground vapor retarder shall be installed over exposed earth in foundation spaces ~~within the dwelling-unit boundary~~ in accordance with the *International Energy Conservation Code* (IECC), *International Residential Code* (IRC), or *International Building Code* (IBC) as applicable.

Revise Section A7 as shown below.

A7. GROUND COVERS IN FOUNDATION SPACES ~~WITHIN THE DWELLING-UNIT BOUNDARY~~

Existing buildings with a vapor retarder, having a thickness of not less than 6 mil and a permeance of 0.1 perm or less, over exposed earth in foundation spaces ~~within the dwelling-unit boundary~~ shall be deemed to comply with Section 6.1.4. Installation shall be consistent with NREL SWS 2.0202.