



ADDENDA

**ANSI/ASHRAE Addendum k to
ANSI/ASHRAE Standard 62.2-2022**

Ventilation and Acceptable Indoor Air Quality in Residential Buildings

Approved by the ASHRAE Standards Committee on June 24, 2023, and by the American National Standards Institute on July 25, 2023.

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ISSN 1041-2336



ASHRAE Standing Standard Project Committee 62.2

Cognizant TC: 4.3, Ventilation Requirements and Infiltration

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FOREWORD

Addendum k revises the purpose and scope of the standard. Revision of the purpose clarifies that the standard may address any measure that affects acceptable indoor air quality in individual dwelling units. Confining the purpose to individual dwelling units provides better alignment with the existing scope. The scope has been modified to remove the reference to “residential occupancies,” which was believed to be redundant to the reference to dwelling units. Additionally, the scope has been revised to permit the standard to address filtration of outdoor air.

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

Addendum k to Standard 62.2-2022

Revise Sections 1 and 2 as shown.

1. PURPOSE

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

2. SCOPE

This standard applies to dwelling units in residential occupancies in which the occupants are nontransient.

2.1 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.

2.2 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 ambient ventilation air is unacceptable and this air is brought into the building dwelling unit without first being cleaned (~~ambient outdoor air cleaning is not required by this standard~~);
- d. if the system or systems are not operated and maintained as designed; or
- e. when high-polluting events occur.

Revise Informative Appendix D as shown.

Reference	Title	Section
ASHRAE 180 Technology Parkway NW Peachtree Corner, GA 30092 (800) 527-4723; www.ashrae.org		
ANSI/ASHRAE Standard 55 (2020/2024)	Thermal Environmental Conditions for Human Occupancy	2.1

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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