ANSI/ASHRAE Addendum I to
ANSI/ASHRAE Standard 62.2-2019

Ventilation and Acceptable Indoor Air Quality in Residential Buildings

Approved by ASHRAE and the American National Standards Institute on April 29, 2022.

This addendum was approved by a Standing Standard Project Committee (SSPC) for which the Standards Committee has established a documented program for regular publication of addenda or revisions, including procedures for timely, documented, consensus action on requests for change to any part of the standard. Instructions for how to submit a change can be found on the ASHRAE® website (https://www.ashrae.org/continuous-maintenance).

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FOREWORD

Addendum l consolidates the operation requirements of the standard into one section, adds a requirement for systems to be maintained, and clarifies that operations and maintenance instructions must be provided via a manual meeting minimum requirements.

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

Revise Section 4.4 as shown.

4.4 Control and Operation.

4.4.1 Control. An 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.

Exception to 4.4.1: For multifamily dwelling units, the 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.

Delete Sections 5.2.3 and 5.3.3 as shown.

5.2.3 Operation. Demand-controlled local mechanical exhaust systems shall be designed to be operated as needed.

[...]

5.3.3 Operation. The continuous local mechanical exhaust system shall be operated as designed.

Revise Section 6.2 as shown.

6.2 Instructions and Labeling. Information on the ventilation design and/or ventilation systems installed, instructions on their proper operation to meet the requirements of this standard, and instructions detailing any required maintenance (similar to that provided for HVAC systems) shall be provided to the owner and the occupant of the dwelling unit. Controls shall be labeled as to their function (unless that function is obvious, such as toilet exhaust fan switches).

Add new Section 8 as shown below.

8. OPERATIONS AND MAINTENANCE

8.1 Operations

8.1.1 Ventilation Systems. All systems shall be operated as designed.

8.1.2 Operation Instructions. Instructions to operate the ventilation system equipment and other components as designed shall be provided to the building owner or operator and dwelling-unit occupants as part of an operations and maintenance (O&M) manual. The O&M manual shall include ventilation system user manuals, design airflow specifications, operating schedules, and, where applicable, other information required to comply with the standard.

8.2 Maintenance

8.2.1 Ventilation System. The dwelling-unit ventilation system, including its equipment and other components, shall be maintained in accordance with an O&M manual.

8.2.2 Maintenance Instructions. Detailed instructions for required maintenance of the dwelling-unit ventilation system and associated filters shall be provided to the building owner or operator and dwelling-unit occupants as part of an O&M manual.
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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