ADDENDA

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

Ventilation and Acceptable Indoor Air Quality in Residential Buildings

Approved by ASHRAE staff and the American National Standards Institute on April 30, 2021.

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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a. interpretation of the contents of this Standard,
b. participation in the next review of the Standard,
c. offering constructive criticism for improving the Standard, or
d. permission to reprint portions of the Standard.

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FOREWORD

Disentangling the requirements of ventilation rate, control, and operation makes the standard easier to follow, enforce, and maintain over time. Addendum b clarifies an issue regarding to whom the controls should be readily accessible. It is now clear that the dwelling-unit occupant is the target of the readily accessible requirement except in the case of continuous local mechanical exhaust in multifamily dwelling units.

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.

Addendum b to Standard 62.2-2019

Revise Sections 5.1, 5.2, and 5.3 as shown. The remainder of Section 5 is unchanged.

5. LOCAL EXHAUST

5.1 Local Mechanical Exhaust. A local mechanical exhaust system shall be designed and installed in each kitchen and bathroom and shall be one of either ~~Nonenclosed kitchens shall be provided with a demand-controlled mechanical exhaust system meeting the requirements of Section 5.2. Each local ventilation system for all other kitchens and bathrooms shall be either one of the following.~~

a. a demand-controlled local mechanical exhaust system meeting the requirements of Section 5.2 or

b. a continuous local mechanical exhaust system meeting the requirements of Section 5.3.

Exception to 5.1(b): Nonenclosed kitchens shall be provided with a demand-controlled local mechanical exhaust system meeting the requirements of Section 5.2.

Exception to 5.1: *Alternative Ventilation*. Other design methods ~~may be used to~~ that provide the required minimum exhaust airflow rates shall be permitted when approved by a licensed design professional.

5.2 Demand-Controlled Local Mechanical Exhaust. A demand-controlled local mechanical exhaust system shall be designed to ~~be operated as needed~~ comply with the requirements of the following subsections.

5.2.~~2~~1 Ventilation Rate. The demand-controlled local mechanical exhaust system's rated airflow shall be at least the amount required in Table 5-1 at one or more fan speed settings. ~~The minimum airflow rating shall be at least the amount indicated in Table 5-1.~~

5.2.~~1~~2 Control~~s and Operation~~. Demand-controlled local mechanical exhaust systems shall be provided with at least one of the following controls, readily accessible to the dwelling-unit occupant:

a. A ~~readily accessible occupant controlled~~ manual ON-OFF control.

b. An automatic control that does not impede ~~occupant~~ manual ON control.

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

5.3 Continuous Local Mechanical Exhaust. A continuous local mechanical exhaust system shall be designed and installed ~~to operate continuously. The system may be part of a balanced mechanical ventilation system. See ASHRAE Guideline 24, Chapter 10, for guidance on selection of methods~~.

5.3.~~2~~1 Ventilation Rate. The continuous local mechanical exhaust system's rated airflow shall be at least the amount required in Table 5-2. ~~The minimum delivered ventilation shall be at least the amount indicated in Table 5-2 during each hour of operation.~~

5.3.~~1~~2 Control ~~and Operation~~. A ~~readily accessible~~ manual ON-OFF control, readily accessible to the dwelling-unit occupant, shall be provided ~~for each continuous mechanical exhaust system. The system shall be designed to operate during all occupiable hours.~~

Exception to 5.3.2~~1~~: For multifamily dwelling units, the manual ON-OFF control shall not be required to be readily accessible to the dwelling-unit occupant.

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

[. . .]

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.

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