



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.

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Cognizant TC: 4.3, Ventilation Requirements and Infiltration

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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 ~~strike through~~ (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.

5.2.21 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.

5.2.42 Controls 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.

5.3.21 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.

5.3.12 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 5.3.21: 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.

[. . .]

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