ADDENDA

ANSI/ASHRAE Addendum o to
ANSI/ASHRAE Standard 62.2-2013

Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings

Approved by the ASHRAE Standards Committee on January 23, 2016; by the ASHRAE Technology Council on January 27, 2016; and by the American National Standards Institute on January 28, 2016.

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. The change submittal form, instructions, and deadlines may be obtained in electronic form from the ASHRAE website (www.ashrae.org) or in paper form from the Manager of Standards.

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ASHRAE obtains consensus through participation of its national and international members, associated societies, and public review.

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(This foreword is not part of this standard. It is merely informative and does not contain requirements necessary for conformance to the standard. It has not been processed according to the ANSI requirements for a standard and may contain material that has not been subject to public review or a consensus process. Unresolved objectors on informative material are not offered the right to appeal at ASHRAE or ANSI.)

FOREWORD

The committee approved a proposal to change references to "whole-building" or "whole-house" ventilation to "dwelling-unit" ventilation in the main body of the standard. This addendum will ensure that the same nomenclature is used in Normative Appendix A, "Existing Buildings," for consistency.

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 o to Standard 62.2-2013

Revise Normative Appendix A as shown. The remainder of Normative Appendix A is unchanged.

Note: Refer to published Standard 62.2. Addendum b for changes to Section A2. Published addenda are available for free download from the ASHRAE website at https://www.ashrae.org/standards-research--technology/standards-addenda.

NORMATIVE APPENDIX A
EXISTING BUILDINGS

[…]

A2. ~~WHOLE-BUILDING~~ DWELLING-UNIT MECHANICAL VENTILATION RATE

The required mechanical ventilation rate, Q_{fan}, shall be the rate Q_{tot} in Section 4.1.1 plus the required additional airflow calculated in accordance with Section A3. If the airtightness of the building envelope has been measured, the required mechanical ventilation rate may be reduced as described in Section 4.1.2. In these cases, Section A3 shall be applied before Section 4.1.2 when determining the final mechanical ventilation rate. For existing buildings, if Q_{fan} is less than or equal to 15 cfm (7 L/s), then ~~whole-building~~ dwelling-unit mechanical ventilation is not required.

A3. LOCAL EXHAUST

When replacing equipment, and for any kitchens and bathrooms being renovated, all Section 5 requirements shall be met. For other existing kitchens and bathrooms, when the existing equipment does not meet those requirements, this section may be used to compensate for insufficient exhaust airflow for each room requiring local exhaust by adjusting the ~~whole-building~~ dwelling-unit mechanical ventilation rate in Section A2.

[…]

A3.3 Required Additional Airflow. The total airflow deficit is the sum of all the final airflow deficits from all bathrooms and kitchens. The required additional ~~whole-building~~ dwelling-unit mechanical ventilation airflow is equal to one-quarter of the total airflow deficit.

A4. AIR-MOVING EQUIPMENT

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A4.2 Airflow Rating

A4.2.1 Existing fans intended for use as ~~whole-building~~ dwelling-unit mechanical ventilation must be measured consistent with the requirements of Section 4.3.

A4.2.2 Existing fans intended for local exhaust only shall be measured consistent with the requirements of Section 5.4.

Exceptions: If the fan flow rate cannot be measured and fan airflow ratings at 0.25 in. wc (62.5 Pa) are not available, but fan airflow ratings are available for 0.1 in. wc (25 Pa) and the duct sizing requirements of Table 5.3 can be verified, those ratings may be used, provided they are reduced by 25%.

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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