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ANSI/ASHRAE/ICC/USGBC/IES Addendum at to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2020

Standard for the Design of High-Performance Green Buildings

Except Low-Rise Residential Buildings

The Complete Technical Content of the International Green Construction Code[®]

Approved by ASHRAE and the American National Standards Institute on April 28, 2023; by the International Code Council on March 23, 2023; by U.S. Green Building Council on March 29, 2023; and by the Illuminating Engineering Society on April 5, 2023.

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 (www.ashrae.org/continuous-maintenance).

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FOREWORD

This addendum adds a limitation to the Exception to Section 8.3.2.2 so that it only applies to systems of 750 cfm (350 L/s) or less. It also makes an editorial change to existing language for clarity.

These changes do not add cost or scope to the existing language of the standard.

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

Addendum at to Standard 189.1-2020

Revise Section 8.3.2.2 as shown. (NOTE: The text below reflects changes previously made by Addendum ae to Standard 189.1-2020, which can be downloaded free from the ASHRAE website at www.ashrae.org/ technical-resources/standards-and-guidelines/standards-errata.)

8.3.2.2 Monitoring Requirements. Each mechanical ventilation system shall have a permanently installed device to measure the minimum outdoor airflow that meets the following requirements:

- a. The device shall employ methods described in ANSI/ASHRAE Standard 111.
- b. The device shall have an accuracy of ±10% of the minimum outdoor airflow. Where the minimum outdoor airflow varies, as in demand control ventilation (DCV) systems, the device shall maintain this accuracy over the entire range of occupancy and system operation.
- c. The device shall be capable of notifying the building operator, either by activating a local indicator or sending a signal to a building monitoring system, whenever an outdoor air fault condition exists. This notification shall require manual reset. Manual reset of the notification shall be required.
 - **Exception:** Constant-volume air supply systems that do not employ DCV<u>, that have a *minimum outdoor*</u> <u>airflow not exceeding 750 cfm (350 L/s)</u>, and that use an indicator to confirm that the intake damper is open to the position needed to maintain the design minimum outdoor airflow as determined during system startup and balancing.

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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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Standard 189.1 and the International Green Construction Code

Standard 189.1 serves as the complete technical content of the International Green Construction Code[®] (IgCC). The IgCC creates a regulatory framework for new and existing buildings, establishing minimum green requirements for buildings and complementing voluntary rating systems. For more information, visit www.iccsafe.org.

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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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