

Public Review Draft

Proposed Addendum at to Standard 189.1-2020

Standard for the Design of High- Performance Green Buildings Except Low-Rise Residential Buildings

First Public Review (January, 2023)
(Draft Shows Proposed Changes to Current Standard)

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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 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 that the section numbers reflect the approved addendum ae.

[Note to Reviewers: This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the current standard are open for review and comment at this time.]

Addendum at to 189.1-2020

Revise section 8.3.2.2 as shown:

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 $\pm 10\%$ 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 to 8.3.2.2: Constant-volume air supply systems that do not employ DCV, that have a minimum outdoor airflow not exceeding 750 cfm, 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.