

Public Review Draft

Proposed Addendum q to Standard 189.1-2017

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

Second Public Review Draft (July 2019)
(Draft Shows Proposed Independent Substantive Changes to Previous Public Review Draft)

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Foreword

The first public review draft of this addendum identified a number of requirements from Section 8 of Standard 189.1 as being appropriate for local jurisdictions to consider excluding from their adopted ordinances. This ISC removes the Jurisdictional Option designation from several Section 8 requirements and removes these items from Table 4.2, thereby restoring them to core provisions of the standard.

[Note to Reviewers: This public review draft makes proposed independent substantive changes to the previous public review draft. These changes are indicated in the text by underlining (for additions) and ~~striketrough~~ (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. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.]

Addendum q to 189.1-2017

Revise Table 4.2 as follows

**INFORMATIVE TABLE 4.2 – to become normative in IgCC
REQUIREMENTS DETERMINED BY THE JURISDICTION**

SECTION	SECTION TITLE OR DESCRIPTION AND DIRECTIVES	Jurisdictional Requirement
8.3.1.5.1	Vented Combustion	— No
8.3.1.10	Preoccupancy Ventilation Control	— No
8.3.3.4	Interior Sound Reverberation	No
8.4.1.3	Shading for Offices	No

Delete [JO] following the section number to indicate that Section 8.3.1.5.1 is not a jurisdictional option:

8.3.1.5 Venting of Combustion Products

8.3.1.5.1 ~~[JO]~~ Vented Combustion. Permanently installed appliances shall have products of combustion vented to the outdoors.

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Exception to 8.3.1.5.1

1. Ovens and ranges in *residential spaces*.
2. Heaters certified to ANSI Z83.19/CSA 2.35, mounted greater than or equal to 10 ft (3 m) above the occupied floor.
3. Heaters certified to ANSI Z83.4/CAN 3.7.
4. Heaters certified to ANSI Z21.11.2, provided that the aggregate input rating of all such appliances does not exceed 1000 Btu/h per 1500 ft³ (700 W per 100 m³) of *space volume*.

8.3.1.5.2 Ranges in residential Spaces. Gas and electric ranges in *residential spaces* shall comply with ASHRAE Standard 62.2, Section 5.1, using a range hood.

Delete [JO] following the section number to indicate that Section 8.3.1.10 is not a jurisdictional option:

8.3.1.10 ~~[JO]~~ Guest Room Preoccupancy Outdoor Air Purge Cycle. Ventilation systems serving zones that are not continuously occupied shall have controls designed to automatically provide *outdoor air* to the zones, prior to their scheduled occupancy, where the zones served by the ventilation system have been unoccupied for 24 hours or longer. This preoccupancy ventilation shall be provided continuously at the system design *minimum outdoor airflow* for a period of one hour prior to the expected occupancy, or at an *outdoor air* rate and for a time period that provides the same number of air changes as the design *minimum outdoor airflow* for one hour. If the preoccupancy ventilation period requires ventilation earlier than as required by ANSI/ASHRAE/IES Standard 90.1, Section 6.4.3, the preoccupancy ventilation start time of Section 8.3.1.7 shall take precedence.

Exception to 8.3.1.10: Hotel and motel guest rooms subject to *automatic* control of HVAC and lighting as required in Sections 7 and 8.