

Public Review Draft

Proposed Addendum p to Standard 189.1-2017

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

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

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Foreword

This ISC revises the number of requirements from Section 7 of Standard 189.1 that are appropriate for local jurisdictions to consider excluding from their adopted ordinances.

Section 7.4.3.6 Fan System Power and Efficiency: the committee consensus was to not add this as jurisdictional option. It was added in error in the first public review draft and is being corrected here in response to public review comments.

Section 7.4.3.10 Automatic Control of HVAC and Lights in Hotel/Motel Guest Rooms: this is being removed as a jurisdictional option in response to public review comments.

[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 ~~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. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.]

Addendum p to 189.1-2017

Update Table 4.2 to remove 7.4.3.6 and 7.4.3.10 from the list of jurisdictional options

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

SECTION	SECTION TITLE OR DESCRIPTION AND DIRECTIVES	Jurisdictional Requirement
7.4.2.1	Building Envelope Requirements	___ No
7.4.2.2	Single Rafter Roof Insulation	___ No
7.4.2.3	High Speed Doors	___ No
7.4.2.6	Permanent Projections	___ No
7.4.2.9	Orientation	___ No
7.4.3.2	Ventilation Controls for Densely Occupied Spaces	___ No
7.4.3.4	Economizers	___ No
7.4.3.5	Zone Controls	___ No

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7.4.3.6	Fan System Power and Efficiency	___ No
7.4.3.7	Exhaust Air Energy Recovery	___ No
7.4.3.8	Kitchen Exhaust Systems	___ No
7.4.3.10	Automatic Control of HVAC and Lights in Hotel/Motel Guest Rooms	___ No
7.4.4.2	Insulation for Spa Pools	___ No
7.4.6.2	Occupancy Sensor Controls with Multilevel Switching or Dimming.	___ No
7.4.6.3	Automatic Controls for Egress and Security Lighting	___ No
7.4.7.2	Supermarket Heat Recovery	___ No
7.4.7.4	Programmable Thermostats	___ No
7.4.7.5	Refrigerated Display Cases	___ No

Revise the following section numbers to indicate these are not jurisdictional options:

7.4.3.6 ~~[JO]~~ Fan System Power and Efficiency

7.4.3.6.1 Fan System Power Limitation. Systems shall have fan power limitations 10% below limitations specified in ANSI/ASHRAE/IES Standard 90.1, Table 6.5.3.1-1. This requirement supersedes the requirement in ANSI ASHRAE/IES Standard 90.1, Section 6.5.3.1 and Table 6.5.3.1-1. All exceptions in ANSI/ASHRAE/IES Standard 90.1, Section 6.5.3.1, shall apply.

7.4.3.6.2 Fan Efficiency. The fan efficiency requirements defined in ANSI/ASHRAE/IES Standard 90.1, Section 6.5.3.1.3, shall be used, except that the total efficiency of the fan at the design point of operation shall be within ten percentage points of the maximum total efficiency of the fan. All exceptions in ANSI/ASHRAE/IES Standard 90.1, Section 6.5.3.1.3, shall apply.

7.4.3.10 ~~[JO]~~ Automatic Control of HVAC and Lights in Hotel/Motel Guest Rooms. In hotels and motels with over 50 guest rooms, *automatic controls* for the lighting, switched outlets, television, and HVAC equipment serving each guest room shall be configured according to the following requirements.

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