

Public Review Draft

Proposed Addendum bw to Standard 189.1-2017

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

First Public Review (July 2020)
(Draft Shows Proposed Changes to Current Standard)

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Foreword

This addendum removes confusing language regarding setback requirements for HVAC systems in hotel guest rooms and replaces it with a reference to Section 6.4.3.3.5.1 in Standard 90.1 that has identical intent. Addendum bt, pending publication, made changes to this section which will become moot if this addendum is published as shown, since the modified language will be deleted.

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

Addendum bw to 189.1-2017

Revise Section 7.4.3.9.3 as follows:

7.4.3.9.3 HVAC Set-Point Control. HVAC systems shall be in accordance with ANSI/ASHRAE/IES Standard 90.1, Section 6.4.3.3.5.1. ~~Within 30 minutes of all occupants leaving the guest room, HVAC set points shall be automatically raised by at least 5°F (3°C) from the occupant set point in the cooling mode and automatically lowered by at least 5°F (3°C) from the occupant set point in the heating mode. When the guest room is unrented and unoccupied, HVAC set points shall be automatically reset to 80°F (27°C) or higher in the cooling mode and to 60°F (16°C) or lower in the heating mode. Unrented and unoccupied guest rooms shall be determined by either of the following criteria:~~

- a. ~~The guest room has been continuously unoccupied for up to 16 hours.~~
- b. ~~A networked guest room control system indicates the guest room is unrented and the guest room is unoccupied for no more than 30 minutes.~~

Exceptions to 7.4.3.9.3:

1. ~~A networked guest room control system may return the thermostat set points to their default set points 60 minutes prior to the time the room is scheduled to be occupied.~~
 2. ~~Cooling for humidity control shall be permitted during unoccupied periods.~~
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Note to reviewers:

- *Addendum ad, published on the ASHRAE website, deleted a section within Section 7.4.3 and changed the subsequent section numbers including those above.*
- *Addendum bt, pending publication, changed the time in this section from 30 minutes to 20 minutes as follows:*

7.4.3.9.3 HVAC Set-Point Control. Within ~~30~~ 20 minutes of all occupants leaving the guest room, HVAC set points shall be automatically raised by at least 5°F (3°C) from the occupant set point in the cooling mode and automatically lowered by at least 5°F (3°C) from the occupant set point in the heating mode.