

**ANSI/ASHRAE/ICC/USGBC/IES Addendum I to
ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2023**

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 September 30, 2026; by the International Code Council on September 28, 2026; by the Illuminating Engineering Society on September 23, 2026; and by the U.S. Green Building Council on September 25, 2026.

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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Cognizant TC: 2.8, Building Environmental Impacts and Sustainability

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ASHRAE obtains consensus through participation of its national and international members, associated societies, and public review.

ASHRAE Standards are prepared by a Project Committee appointed specifically for the purpose of writing the Standard. The Project Committee Chair and Vice-Chair must be members of ASHRAE; while other committee members may or may not be ASHRAE members, all must be technically qualified in the subject area of the Standard. Every effort is made to balance the concerned interests on all Project Committees.

The Senior Manager of Standards of ASHRAE should be contacted for

- interpretation of the contents of this Standard,
- participation in the next review of the Standard,
- offering constructive criticism for improving the Standard, or
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(This foreword is not part of this standard. It is merely informative and does not contain requirements necessary for conformance to the standard. It has not been processed according to the ANSI requirements for a standard and may contain material that has not been subject to public review or a consensus process. Unresolved objections on informative material are not offered the right to appeal at ASHRAE or ANSI.)

FOREWORD

Residential thermostat technology has developed further and become more widespread since it was introduced into Standard 189.1. Addendum I revises the thermostat measure by removing the jurisdictional option and updating the reference for qualifying thermostats. ENERGY STAR® smart thermostats are a combination of hardware and service. Enrollment in the service is not required by this section.

This addendum also adds an exception to the ENERGY STAR Smart Thermostat requirement in hotel and motel guest rooms; these thermostats are already high efficiency as they are designed to reset their set point upon the sensing of occupancy in accordance with Section 7.4.3.8 of Standard 189.1.

Informative Note: In this addendum, changes to the current standard are indicated in the text by underlining (for additions) and ~~strike through~~ (for deletions) unless the instructions specifically mention some other means of indicating the changes.

Addendum I to Standard 189.1-2023

Modify Table 4.2 as follows.

Table 4.2 Requirements Determined by the Jurisdiction (Normative in the IgCC)

Section	Section Title, Description and Directives	Jurisdictional Requirement
[...]		
7.4.7.3	Programmable Thermostats	☐ No
[...]		

Modify Section 7.4.7.3 as follows.

7.4.7.3 ~~HO~~ Programmable Thermostats in Dwelling Units. Residential programmable thermostats shall meet the requirements of NEMA Standards Publication DC 3, Annex A, “Energy Efficiency Requirements for Programmable Thermostats,” or the requirements of the ENERGY STAR Program Requirements for Connected Thermostat Products. Thermostats installed in *dwelling units* shall be identified by the “ENERGY STAR Certified Smart Thermostat” list.

Exception to 7.4.7.3: Hotel and motel guest rooms.

Modify Section 11, “Normative References,” as follows.

National Electrical Manufacturers Association (NEMA) 1300 North 17th Street, Suite 900 Rosslyn, VA 22209, United States 1-703-841-3200; www.nema.org		
NEMA 77-2017	Standard for Temporal Light Artifacts: Test Methods and Guidance for Acceptance Criteria	8.9.4.2
NEMA DC 3, Annex A-2013	Energy Efficiency Requirements for Programmable Thermostats	7.4.7.3
NEMA SSL 7A-2015 (R2021)	Phase-Cut Dimming for Solid State Lighting—Basic Compatibility	8.9.1
[...]		
United States Environmental Protection Agency (USEPA) 1200 Pennsylvania Avenue, NW Washington, DC 20460, United States www.epa.gov ENERGY STAR® (www.energystar.gov) WaterSense (www.epa.gov/watersense)		
Version 1.0, December 23, 2016	ENERGY STAR Program Requirements for Connected Thermostat Products	7.4.7.3
<u>ENERGY STAR Certified Smart Thermostat list (as of 1.14.2025)</u>	<u>www.energystar.gov/productfinder/product/certified-connected-thermostats/results</u>	<u>7.4.7.3</u>

**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.

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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Founded in 1894, ASHRAE is a global professional society committed to serve humanity by advancing the arts and sciences of heating, ventilation, air conditioning, refrigeration, and their allied fields.

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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