

ADDENDA

**ANSI/ASHRAE/IES Addendum o to
ANSI/ASHRAE/IES Standard 90.2-2018**

Energy Efficient Design of Low-Rise Residential Buildings

Approved by the ASHRAE Standards Committee on March 27, 2024, by the Illuminating Engineering Society on March 15, 2024, and by the American National Standards Institute on April 22, 2024.

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FOREWORD

Under the new Standard 90.2 scope, the current definition for “residential buildings” is no longer comprehensive of the buildings covered by Standard 90.2. Addendum o removes the three-story limitation from the current definition to align with the latest approved title, purpose, and scope of Standard 90.2, which includes all residential buildings. It also includes some modification to multifamily structures (buildings) to align with pending Addendum i.

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

Addendum o to Standard 90.2-2018

Modify Section 3.1 as follows.

residential building: buildings ~~three stories above grade or fewer in height~~ whose primary function is non-transient occupancy, including one- and two-family dwellings, multiple single-family dwellings (townhouses), and nontransient multifamily buildings (such as apartment houses, convents, and monasteries).

multifamily ~~structure~~ building: building ~~of three stories or fewer above grade~~ containing three or more dwelling units other than townhouses, including a manufactured building (modular).

Modify Section 7 as shown.

7.2.4 Common Areas of Multifamily ~~Residential~~ Buildings. In common spaces of ~~multifamily residential buildings~~ multifamily buildings, the HVAC systems shall meet the requirements of ASHRAE/IES Standard 90.1, Section 6.4.

[. . .]

7.3.2 Dwelling units shall be mechanically ventilated in accordance with ANSI/ASHRAE Standard 62.2. Common spaces of ~~multifamily residential buildings~~ multifamily buildings shall be mechanically ventilated in accordance with ANSI/ASHRAE Standard 62.1.

[. . .]

7.4.7 Common Areas of Multifamily ~~Residential~~ Buildings. In common spaces of ~~multifamily residential buildings~~ multifamily buildings, the *service water heating (SWH)* systems shall meet the requirements of ASHRAE/IES Standard 90.1, Section 7.4.

[. . .]

Modify Section 8 as shown.

8.3.7 Common Areas of Multifamily Residential Buildings. In common spaces of ~~multifamily residential buildings~~ multifamily buildings, the HVAC systems shall meet the requirements of ASHRAE/IES Standard 90.1, Section 6.7.

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.

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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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