



**BSR/ASHRAE/IES Addendum e
to ANSI/ASHRAE/IES Standard 90.2-2024**

Public Review Draft

Proposed Addendum e to Standard 90.2-2024, High-Performance Energy Design of Residential Buildings

**First Public Review (February 2026)
(Draft Shows Proposed Changes to Current Standard)**

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FOREWORD

This proposal is to make an addition to the purpose and scope of Standard 90.2-2024 in order to clarify that indoor environmental quality requirements can be considered when developing requirements for energy efficiency. The goal of this change is to ensure that 90.2 is developed with a mindset for energy efficiency as well as healthy conditions for occupancy.

[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 e to 90.2-2024

1. PURPOSE

The purpose of this standard is to establish whole-building design requirements that enable high levels of energy performance and greenhouse gas emission performance for residential buildings, while maintaining indoor environmental quality.

2. SCOPE

This standard provides requirements for achieving levels of energy performance and greenhouse gas emission performance of residential buildings and their systems, while maintaining indoor environmental quality.

2.1 Buildings and Portions of Buildings Covered

- a. Dwelling units in which occupants are non-transient
- b. Common areas associated with residential occupancies
- c. Outbuildings associated with residential occupancies

2.2 Systems Covered

- a. Building envelope
- b. HVAC and mechanical systems
- c. Service hot-water systems
- d. Major appliances

- e. Interior and exterior lighting systems
- f. Snow and ice melt systems
- g. Pools and spas
- h. Renewable energy systems
- i. Energy storage systems
- j. Connected controls
- k. Indoor environmental quality control systems

2.3 Exemptions. This standard does not apply to transient housing, such as hotels, motels, nursing homes, jails, dormitories, and barracks.

2.4 Health, Safety, and Welfare. This standard shall not be used to abridge any safety, health, or environmental requirements.

Add to definitions

indoor environment quality (IEQ). Occupancy conditions that create healthy and comfortable buildings through the design, analysis, and operation of building systems including architectural components, HVAC design, thermal comfort, indoor air quality (IAQ), lighting, acoustics, and control systems.