



ADDENDA

**ANSI/ASHRAE Addendum c to
ANSI/ASHRAE Standard 15.2-2024**

Safety Standard for Refrigeration Systems in Residential Applications

Approved by ASHRAE and the American National Standards Institute on May 30, 2025.

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ISSN 1041-2336



ASHRAE Standing Standard Project Committee 15.2

Cognizant TCs: 10.1, Custom Engineered Refrigeration Systems, and 9.1, Large Building Air-Conditioning Systems

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FOREWORD

Addendum c was developed to address requirements for installation of refrigeration systems used in combined air and water conditioning applications.

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 c to Standard 15.2-2024

Modify Section 4 as follows. The remainder of Section 4 remains unchanged.

[...]

integrated air and water systems: a refrigeration system that has more than one indoor unit to provide both space conditioning as well as water heating or cooling.

[...]

Modify Section 9 as follows. The remainder of Section 9 remains unchanged.

[...]

9.4.1 ~~HVAC-Refrigeration~~ Systems with More than One Indoor Unit. The dispersal volume for each indoor unit of a ~~HVAC-refrigeration~~ system shall be calculated. The smallest shall be the dispersal volume used to calculate maximum refrigerant charge per the requirements of Section 9.5.

[...]

9.4.3.6 Integrated Air and Water Systems. The dispersal height of each indoor unit for integrated air and water systems shall be calculated separately in accordance with Section 9.4.3.2, 9.4.3.3, 9.4.3.4, or 9.4.3.5.

[...]

Modify Section 10 as follows. The remainder of Section 10 remains unchanged.

[...]

10.1.1 Installation of ~~refrigerant-refrigeration~~ systems shall be in accordance with this section. *Refrigerant piping systems* erected in the field shall be in accordance with Section 8 and tested in accordance with Section 10.5.

[...]

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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