



ADDENDA

**ANSI/ASHRAE Addendum a to
ANSI/ASHRAE Standard 15-2024**

Safety Standard for Refrigeration Systems

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

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ASHRAE Standing Standard Project Committee 15

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

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FOREWORD

Addendum a revises portions of Standard 15 related to refrigerant pipe shafts. The proposed modifications will result in an exemption to requiring a pipe shaft for continuous pipe and tube. This addendum also clarifies Section 7.2.3.1.1 regarding the application of exempt spaces applying to the pipes, tubes, joints, and connections.

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 a to Standard 15-2024

Modify Section 7 as follows. The remainder of Section 7 remains unchanged.

7.2.3.1.1 Exempted Spaces. The areas that contain only continuous ~~refrigerant piping, or contain only refrigerant pipe or tube, including~~ joints and connections that have been tested in accordance with Section 9.13, are exempt from the *effective dispersal volume* calculation unless these areas are part of *connected spaces* per Section 7.2.3.2.

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

9.12.1.5.1 Shaft Alternative. A shaft enclosure *shall not* be required for the *refrigerant piping* for any of the following ~~refrigeration systems~~:

- a. Systems using R-718 (water) *refrigerant*
- b. *Piping* in a *high-probability system* where the *refrigerant* concentration does not exceed the amounts shown in ASHRAE Standard 34,³ Table 4-1 or 4-2, for the smallest *occupied space* through which the *piping* passes
- c. *Piping* located on the exterior of the building where vented to the outdoors
- d. Continuous *refrigerant* pipe or tube, including joints and connections, that have been tested in accordance with Section 9.13

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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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