



ADDENDA

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

Safety Standard for Refrigeration Systems

Approved by ASHRAE and the American National Standards Institute on June 30, 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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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 i clarifies that the italicized terms in Sections 4 and 5 are defined terms and should be considered as such. A definition of “integral,” taken from ASHRAE Standard 15.2, is also added. In response to CMP 15-2024-0005-001, “NRTL” has been added to the list of acronyms used in the standard. Additionally, this addendum clarifies the refrigerating system classifications in Section 5 by completing the list of low-probability systems.

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 i to Standard 15-2024

Modify Section 3 as follows. The remainder of Section 3 remains unchanged.

3. DEFINITIONS

3.1 General. In the context of this standard, italicized terms and classifications have meanings as defined in Sections 3, 4, and 5.

3.2 ~~3.1~~ Defined Terms

[...]

integral: as installed by the *manufacturer* or installed in accordance with the *manufacturer's installation instructions*.

[...]

ventilated enclosure: a type of equipment enclosure that includes an ~~integral~~ *integral* ventilation system that will prevent *refrigerant* leaked inside the equipment enclosure from escaping into the space surrounding the equipment enclosure.

[...]

3.3 ~~3.2~~ Acronyms, Abbreviations, and Initialisms

[...]

NRTL *nationally recognized testing laboratory*

[...]

Modify Section 5.2.2 as follows. The remainder of Section 5.2.2 remains unchanged.

5.2.2 Low Probability System. A *low-probability system* is any *refrigeration system* in which the basic design or the location of components is such that leakage of *refrigerant* from a failed connection, seal, or component cannot enter the *occupied space*. Typical *low-probability systems* are (a) *indirect closed systems* or (b) ~~double indirect open spray systems~~ and (c) ~~indirect open spray systems~~ and (b) *indirect vented closed systems*, or (c) *indirect open spray systems* and (d) *double indirect open spray systems* if the following condition is met: In a *low-probability indirect open spray system* or a *double indirect open spray system*, the *secondary coolant* pressure shall remain greater than *refrigerant* pressure in all conditions of operation and standby. Operation conditions are defined in Section 9.2.1, and standby conditions are defined in Section 9.2.1.2.

[...]

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

7. RESTRICTIONS OF REFRIGERANT USE

7.6 Group A2L Refrigerants for Human Comfort

7.6.2 Listing and Installation Requirements

7.6.2.3* Manufacturer's Refrigerant Detection System Requirements. The following *refrigeration systems* shall have an ~~integral~~ *integral* refrigerant detection system:

- a. *Ducted HVAC* systems with a *releasable refrigerant charge* (m_{rel}) more than 4.0 lb (1.8 kg) and with any *duct* openings less than 5.9 ft (1.8 m) above the finished floor
- b. *Ducted HVAC* systems where spaces connected to the same supply *air duct* are used as the dispersal floor area to calculate volume per Section 7.2
- c. *Refrigeration systems* installed where the *occupancy* classification is *institutional occupancy*

[. . .]

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

9. DESIGN AND CONSTRUCTION OF EQUIPMENT AND SYSTEMS

9.12 Refrigerant Pipe Installation

9.12.5 Stop Valves

9.12.5.2 Refrigerating Systems Containing More than 110 lb (50 kg) of Refrigerant. In addition to *stop valves* required by Section 9.12.5.1, *refrigeration systems* containing more than 110 lb (50 kg) of *refrigerant* shall have *stop valves* installed in the following locations:

- a. Each inlet of each *liquid receiver*
- b. Each inlet and each outlet of each
- c. *condenser* when more than one *condenser* is used in parallel

Stop valves shall not be required on the inlet of a receiver in a *condensing unit* or on the inlet of a receiver that is an ~~integral~~ *integral* part of the *condenser* or *refrigeration systems* utilizing *nonpositive displacement compressors*.

[. . .]

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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.

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