



**BSR/ASHRAE Addendum w  
to ANSI/ASHRAE Standard 15-2024**

**First Public Review Draft**

# **Proposed Addendum w to Standard 15-2024, Safety Standard for Refrigeration Systems**

**First Public Review (March 2026)  
(Draft shows Proposed Changes to Current Standard)**

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed standard, go to the ASHRAE website at [www.ashrae.org/standards-research-technology/public-review-drafts](http://www.ashrae.org/standards-research-technology/public-review-drafts) and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at [www.ashrae.org/bookstore](http://www.ashrae.org/bookstore) or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

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ASHRAE, 180 Technology Parkway NW, Peachtree Corners, GA 30092

**(This foreword is not part of this standard. It is merely informative and does not contain requirements necessary for conformance to the standard. It has not been processed according to the ANSI requirements for a standard and may contain material that has not been subject to public review or a consensus process. Unresolved objectors on informative material are not offered the right to appeal at ASHRAE or ANSI.)**

## **FOREWORD**

*The concept of releasable refrigerant charge first appeared in ASHRAE Standard 15-2022 (based on Addendum g to the 2019 edition). Section 7.3.4.4 of ASHRAE Standard 15-2024 has requirements for release mitigation controls, e.g. safety shutoff valves (SSOV), when a user chooses the optional compliance path of reducing the releasable refrigerant charge. When a refrigerant detection system detects a refrigerant release, there are several possible methods to mitigate the hazard as delineated in Section 7.6.2.5. When choosing to use SSOV as a mitigation action, the current provisions of Section 7.6.2.5 allow for a manual reset after five (5) minutes or an automatic reset after two (2) hours, beginning from the time when the refrigerant detection system no longer detects refrigerant concentration above the set point. A continuous maintenance proposal was received to reduce the time requirement for automatic reset.*

**Note:** This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~striketrough~~ (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.

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**Addendum w to Standard 15-2024**

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

**7. RESTRICTIONS ON REFRIGERANT USE**

[ ... ]

**7.6\* High-Probability Air Conditioners, Heat Pumps, and Dehumidifiers Using Group A2L Refrigerants.**

[ ... ]

**7.6.2 Listing and Installation Requirements.**

[ ... ]

**7.6.2.5\* Mitigation Action Requirements.** The following *mitigation actions shall* be completed in not more than 15 seconds after the initiation of the output signal of Section 7.6.2.4(h), and *shall* be maintained for at least five (5) minutes after the output signal has reset:

- a. [...]
- b. [...]
- c.\* [...]
- d. [...]
- e.\* Activate *safety shutoff valves* utilized to reduce *releasable refrigerant charge*.
- f.\* [...]

Where *safety shutoff valves* have the ability to be automatically reset, it *shall not* be permissible for the *safety shutoff valves* to be automatically reset until the *refrigerant detection system* has not detected a concentration of *refrigerant* above the set point of Section 7.6.2.4(a) for at least ~~two (2) hours~~ one (1) hour.

[ ... ]