



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

**First Public Review Draft**

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

**First Public Review (November 2024)  
(Draft shows Proposed Changes to Current Standard)**

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

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## FOREWORD

*In response to a continuous maintenance proposal, this addendum 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. The proposed modifications also clarify section 7.2.3.1.1 regarding the application of exempt spaces applying to the pipes, tubes, joints, and connections.*

**Note:** This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~striethrough~~ (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 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<sup>3</sup>, 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.