BSR/ASHRAE Addendum e
to ANSI/ASHRAE Standard 15.2-2024

First Public Review Draft

Proposed Addendum e to Standard 15.2-2024, Safety Standard for Refrigeration Systems in Residential Applications

First Public Review (April 2025)
(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

Addendum e was developed to clarify the requirements for dispersal height determination in multi-story applications or spaces with different levels.

Informative Note: In this addendum, changes to the current standard are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions) unless the instructions specifically mention some other means of indicating the changes.

Addendum e to Standard 15.2-2024

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

[. . .]

9.4.3.1* Systems Serving More than One Floor. For systems without a leak detection system or circulation airflow, ~~W~~where different stories and floor levels connect through an opening, the dispersal height for each higher *space shall* be reduced by the difference in floor elevation between the higher *space* and the lower *space*. If the difference in elevation between the floor of the higher *space* and lower *space* is 7.2 ft (2.2 m) or more, the dispersal height for the higher *space shall* be zero.

[. . .]

Modify Informative Appendix A as follows. The remainder of Informative Appendix A remains unchanged.

[. . .]

Section 9.4.3.1

This section addresses multilevel buildings and applies to equipment without an installed *leak detection system* or *circulation airflow*. If floors are connected by a permanent opening that extends to the floor, is intended for people to walk through, and does not have a door, and the higher floor is a full flight higher than the lower floor, the dispersal height for the higher floor is reduced to zero (higher floor elevation above lower floor – lower floor height), and only the first floor area and height are used. When there is a smaller elevation change between levels, such as three steps up, then upper-level dispersal height is reduced by the difference in the levels of the two floors (upper floor height – 3 × step height).

[. . .]