BSR/ASHRAE Addendum v
to ANSI/ASHRAE Standard 15-2024

First Public Review Draft

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

First Public Review (June 2026)

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FOREWORD

The proposed changes to Section 7.6 aligns with the requirements of UL 60335-2-40 4th Edition and UL 60335-2-89 2nd Edition for placement of the symbol indicating a flammable refrigerant is in use. The requirement for visibility of the symbol aligns with the latest interpretation and approved amendment to UL 60335-2-40 4th edition which requires these markings be visible or behind a detachable part. A detachable part in -2-40 is one that does not require the use of a tool to remove. This should align with requests from the fire service for the flame symbol to be visible.

The proposed changes to Section 9.17 are aligning with UL 60335-2-40 and UL 60335-2-89 which require a marking for the total system charge for any system that is charged at the installation or allows for the addition of refrigerant charge after installation per the manufacturer's instructions. Minimum room area markings must be applied to all indoor units of a flammable refrigerant system per EPA SNAP Rules 23, 25, and 26. UL 60335-2-40 amendment 1 has been approved for publication to allow the installer to mark the minimum room area in accordance with the manufacturer's instructions. The manufacturer instructions will have a table or similar format to determine the minimum room area based on total charge of the refrigeration system.

Note to Reviewers: This public review makes proposed independent substantiative changes to the previous public review draft. These substantive changes to the previous public review draft are indicated by underlining (for additions) ~~strikethrough~~ (for deletions), except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the previous public review are open for review and comment at this time. Additional material is provided for context only and is not open for comment, except as related to the proposed substantive changes.

Addendum v to Standard 15-2024

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

7.6.2.1 The nameplate required by Section 9.17 *shall* include a symbol indicating that a flammable *refrigerant* is used, or a separate marking with the symbol provided adjacent to the nameplate as specified by the product listing. The symbol *shall* be visible after installation for service, safety, and emergency personnel on the outside of the equipment or behind a detachable part that is opened without the use of a tool and marked to indicate the nameplate or symbol is behind it.

7.6.2.2 A label or symbol indicating a flammable *refrigerant* is used *shall* be placed adjacent to service ports and other locations where service involving components containing *refrigerant* is performed, as *specified* by the product listing. The label or symbol *shall* be visible after installation on the outside of the equipment for service, safety, and emergency personnel or behind a detachable part that is opened without the use of a tool and marked to indicate the label or symbol are behind it.

[…]

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

9.17.1 Each *self-contained system* and each separate *condensing unit,* evaporating unit*, compressor*, or *compressor unit* of a *refrigeration system* using Group A2L, A2, A3, B2L, B2, or B3 *refrigerant shall* be marked with the *system refrigerant charge* on the nameplate or a separate marking adjacent to the nameplate in accordance with the *manufacturer's* instructions.

9.17.2 Each *unit system* and each separate evaporating unit *or evaporator* of a *refrigeration system* using Group A2L, A2, or A3 *refrigerant shall* be marked with the minimum room area on the nameplate or a separate marking adjacent to the nameplate in accordance with the *manufacturer's* instructions.