

ADDENDA

ANSI/ASHRAE Addendum z to ANSI/ASHRAE Standard 34-2019

Designation and Safety Classification of Refrigerants

Approved by ASHRAE and the American National Standards Institute on September 30, 2021.

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FOREWORD

This addendum adds the zeotropic refrigerant blend R-468B to Tables 4-2 and D-2.

Note: In this addendum, changes to the current standard are indicated in the text by <u>under-</u> <u>lining</u> (for additions) and strikethrough (for deletions) unless the instructions specifically mention some other means of indicating the changes.

Addendum z to Standard 34-2019

Modify Tables 4-2 and D-2 as shown.

Table 4-2 Data and Safety Classifications for Refrigerant BlendsRefrigerant Number = $\underline{468B}$ Composition (Mass %) = $\underline{R-1132a/32/1234yf(6.0/13.0/81.0)}$ Composition tolerances = $\underline{+0.5, -1.0/+0.5, -1.0/-1.0, +2.0}$ OEL = $\underline{570}$ ppm v/vSafety Group = $\underline{A2L}$ RCL = $\underline{18,000}$ ppm v/v; $\underline{4.4}$ lb/Mcf; $\underline{70}$ g/m³Highly Toxic or Toxic Under Code Classification = $\underline{Neither}$

Table D-2 Data Classifications for Refrigerant Blends

Refrigerant Number = $\underline{468B}$ Composition (Mass %) = $\underline{R-1132a/32/1234yf}$ (6.0/13.0/81.0) Average Relative Molar Mass = $\underline{94.9}$ g/mol Bubble Point (°F) = $\underline{-62.3}$ Dew Point (°F) = $\underline{-34.2}$ Bubble Point (°C) = $\underline{-52.4}$ Dew Point (°C) = $\underline{-36.8}$

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ASHRAE's short-range goal is to ensure that the systems and components within its scope do not impact the indoor and outdoor environment to a greater extent than specified by the Standards and Guidelines as established by itself and other responsible bodies.

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.

ASHRAE will take the lead with respect to dissemination of environmental information of its primary interest and will seek out and disseminate information from other responsible organizations that is pertinent, as guides to updating Standards and Guidelines.

The effects of the design and selection of equipment and systems will be considered within the scope of the system's intended use and expected misuse. The disposal of hazardous materials, if any, will also be considered.

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