

ADDENDA

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

Designation and Safety Classification of Refrigerants

Approved by the ASHRAE Standards Committee on June 26, 2019; by the ASHRAE Board of Directors on August 1, 2019; and by the American National Standards Institute on August 26, 2019.

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FOREWORD

Addendum p adds azeotropic refrigerant blend R-515B to Tables 4-2 and D-2.

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

Addendum p to Standard 34-2019

Add the following data to Tables 4-2 and D-2 in the columns indicated.

Table 4-2 Data and Safety Classifications for Refrigerant Blends

Refrigerant Number = 515B

Composition (Mass %) = R-1234ze(E)/227ea (91.1/8.9)

Composition tolerances = ± 0.1 , $\pm 0.0/\pm 2.0$, ± 0.1

OEL = 810

Safety Group = $\underline{A1}$

 $RCL = 61,000 \text{ ppm v/v}; 18 \text{ lb/Mcf}; 290 \text{ g/m}^3$

Highly Toxic or Toxic Under Code Classification = Neither

Table D-2 Data for Refrigerant Blends

Refrigerant Number = 515B

Composition (Mass %) = R-1234ze(E)/227ea (91.1/8.9)

Azeotropic Temperature (°C) = $\underline{30}$

Azeotropic Temperature (°F) = $\underline{86}$

Azeotropic Relative Molar Mass = $\underline{117.9}$

Normal Boiling Point (°C) = $\underline{-19.0}$

Normal Boiling Point (°F) = $\underline{-2.3}$

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POLICY STATEMENT DEFINING ASHRAE'S CONCERN FOR THE ENVIRONMENTAL IMPACT OF ITS ACTIVITIES

ASHRAE is concerned with the impact of its members' activities on both the indoor and outdoor environment. ASHRAE's members will strive to minimize any possible deleterious effect on the indoor and outdoor environment of the systems and components in their responsibility while maximizing the beneficial effects these systems provide, consistent with accepted Standards and the practical state of the art.

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.

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