



ADDENDA

**ANSI/ASHRAE Addendum e to
ANSI/ASHRAE Standard 15-2013**

Safety Standard for Refrigeration Systems

Approved by the ASHRAE Standards Committee on June 29, 2016; by the ASHRAE Technology Council on June 29, 2016; and by the American National Standards Institute on June 30, 2016.

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and 9.1, Large Building Air-Conditioning Systems
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FOREWORD

This addendum makes a change to the requirements for the pressure relief of heat exchanger coils that are capable of being isolated by valves and exposed to a heating source.

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

Addendum e to Standard 15-2013

Add the following new definition to Section 3.

heat exchanger coil: a refrigerant-containing heat transfer component constructed of pipe or tubing.

Revise Section 9.4.4 as follows.

9.4.4 Evaporators Heat exchanger coils located downstream, or upstream within 18 in. (460 mm), of a heating coil source and capable of being isolated shall be fitted with a pressure-relief device that discharges ~~discharging~~ to another part of the system in accordance with Section 9.4.3 or outside the building any enclosed space in accordance with the requirements of Section 9.7.8. The pressure relief device shall be connected at the highest possible location of the heat exchanger or piping between the heat exchanger and its manual isolation valves.

Exception: Relief valves shall not be required on ~~heating coils~~ heat exchanger coils that ~~are designed to have a design produce a temperature that will result in the pressure greater than 110% of refrigerant saturation pressure of the refrigerant being less than the design pressure when exposed to the maximum heating source temperature.~~

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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.

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.

ASHRAE's primary concern for environmental impact will be at the site where equipment within ASHRAE's scope operates. However, energy source selection and the possible environmental impact due to the energy source and energy transportation will be considered where possible. Recommendations concerning energy source selection should be made by its members.

About ASHRAE

ASHRAE, founded in 1894, is a global society advancing human well-being through sustainable technology for the built environment. The Society and its members focus on building systems, energy efficiency, indoor air quality, refrigeration, and sustainability. Through research, Standards writing, publishing, certification and continuing education, ASHRAE shapes tomorrow's built environment today.

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