

ADDENDA

**ANSI/ASHRAE/ASHE Addendum q
to ANSI/ASHRAE/ASHE Standard 170-2017**

Ventilation of Health Care Facilities

Approved by the ASHRAE Standards Committee on October 16, 2019; by the ASHRAE Board of Directors on November 15, 2019; by the American Society for Healthcare Engineering on September 13, 2019; and by the American National Standards Institute on December 12, 2019.

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FOREWORD

This addendum makes changes to the scope of the standard. The following changes are made:

- a. Adds “resident” to differentiate from “patient” in residential health applications (Section 2.1).*
- b. Clarifies that Standard 170 addresses more than outdoor air quantities to better differentiate from Standard 62.1 (Section 2.6)*
- c. Clarifies that Standard 170 does not establish “comprehensive thermal comfort design requirements.” Those requirements are addressed in Standard 55 (Section 2.7).*
- d. The text of the standard will be coordinated with this revised scope in a future addendum, once the revised scope is approved.*

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 q to Standard 170-2017

Revise the Purpose and Scope (Sections 1 and 2) as shown.

1. PURPOSE

The purpose of this standard is to define ventilation system design requirements that provide environmental control ~~for comfort, asepsis, and odor~~ in health care facilities.

2. SCOPE

2.1 The requirements in this standard apply to patient care areas, resident care areas, and related support areas within health care facilities, ~~including hospitals, nursing facilities, and outpatient facilities.~~

2.2 This standard applies to new buildings, additions to existing buildings, and those alterations to existing buildings that are identified within this standard.

2.3 This standard considers chemical, physical, and biological contaminants that can affect the delivery of medical care to patients and residents; the convalescence of patients and residents; and the safety of patients, residents, health care workers, and visitors.

2.4 This standard establishes design requirements for temperature and humidity.

2.5 This standard establishes design requirements for odor control and asepsis.

2.6 This standard establishes design requirements for ventilation rates, including, but not limited to, outdoor air to serve health care facilities.

2.7 This standard does not establish comprehensive thermal comfort design requirements.

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.

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.

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As an industry leader in research, standards writing, publishing, certification, and continuing education, ASHRAE and its members are dedicated to promoting a healthy and sustainable built environment for all, through strategic partnerships with organizations in the HVAC&R community and across related industries.

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