ADDENDA

ANSI/ASHRAE/ASHE Addendum h
to ANSI/ASHRAE/ASHE Standard 170-2013

Ventilation of Health Care Facilities

Approved by ASHRAE on May 31, 2016; by the American Society for Healthcare Engineering on May 23, 2016; and by the American National Standards Institute on June 1, 2016.

This addendum was approved by a Standing Standard Project Committee (SSPC) for which the Standards Committee has established a documented program for regular publication of addenda or revisions, including procedures for timely, documented, consensus action on requests for change to any part of the standard. The change submittal form, instructions, and deadlines may be obtained in electronic form from the ASHRAE website (www.ashrae.org) or in paper form from the Senior Manager of Standards.

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FOREWORD

Currently in the industry there is a discrepancy between ASHRAE standards and AAMI standards in several requirements for environmental conditions in areas of the Sterile Processing Department (SPD). ASHRAE standards guide the design of these areas, while AAMI standards guide their operation. Therefore, some amount of agreement is required between the two.

In April of 2015, representatives of ASHRAE, AAMI, FGI, AORN, ASHE, and APIC met to discuss these issues. Addendum h represents this group's recommendations for space temperature in several spaces. Additionally, a note has been added to the standard referring users to the corresponding AAMI document, which includes additional requirements to consider.

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

Addendum h to Standard 170-2013

Revise Table 7.1 as shown. The remainder of Table 7.1 is unchanged.

TABLE 7.1 Design Parameters

Function of Space	Pressure Relationship to Adjacent Areas (n)	Minimum Outdoor ach	Minimum Total ach	All Room Air Exhausted Directly to Outdoors (j)	Air Recirculated by Means of Room Units (a)	Design Relative Humidity (k), %	Design Temperature (l), °F/°C
[. . .]							
~~CENTRAL MEDICAL AND SURGICAL SUPPLY~~STERILE PROCESSING DEPARTMENT[z]							
~~Soiled or d~~Decontamination room	Negative	2	6	Yes	No	NR	~~72–78/22–26~~60–73/16-23
Clean workroom	Positive	2	4	NR	No	max 60	~~72–78/22–26~~68–73/20-23
Sterile storage room	Positive	2	4	NR	NR	max 60	~~72–78/22–26~~max 75/24
[. . .]							

Notes for Table 7.1:

[. . .]

z. See AAMI Standard ST79[13] for additional information for these spaces.

Add the following references to Section 9. The remainder of Section 9 is unchanged.

9. NORMATIVE REFERENCES

[13] ANSI/AAMI Standard ST79-2013, *Comprehensive guide to steam sterilization and sterility assurance in health care facilities*. Association for the Advancement of Medical Instrumentation, Arlington, VA.

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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6/16