

# STANDARD

BSR/ASHRAE/ASHE Addendum g  
to ANSI/ASHRAE/ASHE Standard 170-2017

**Public Review Draft**

## Proposed Addendum g to Standard 170-2017, Ventilation of Health Care Facilities

**First Public Review (June 2019)**  
**(Draft shows Proposed Changes to Current Standard)**

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed standard, go to the ASHRAE website at [www.ashrae.org/standards-research--technology/public-review-drafts](http://www.ashrae.org/standards-research--technology/public-review-drafts) and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at [www.ashrae.org/bookstore](http://www.ashrae.org/bookstore) or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

This standard is under continuous maintenance. To propose a change to the current standard, use the change submittal form available on the ASHRAE website, [www.ashrae.org](http://www.ashrae.org).

The appearance of any technical data or editorial material in this public review document does not constitute endorsement, warranty, or guaranty by ASHRAE of any product, service, process, procedure, or design, and ASHRAE expressly disclaims such.

© 2019 ASHRAE. This draft is covered under ASHRAE copyright. Permission to reproduce or redistribute all or any part of this document must be obtained from the ASHRAE Manager of Standards, 1791 Tullie Circle, NE, Atlanta, GA 30329. Phone: 404-636-8400, Ext. 1125. Fax: 404-321-5478. E-mail: [standards.section@ashrae.org](mailto:standards.section@ashrae.org).

**ASHRAE, 1791 Tullie Circle, NE, Atlanta GA 30329-2305**

**(This foreword is not part of this standard. It is merely informative and does not contain requirements necessary for conformance to the standard. It has not been processed according to the ANSI requirements for a standard and may contain material that has not been subject to public review or a consensus process. Unresolved objectors on informative material are not offered the right to appeal at ASHRAE or ANSI.)**

## FOREWORD

*Proposed Addendum g creates a more harmonious reference to ventilation requirements for those spaces located within a Health Care Facility which are not explicitly specified within the three Design Parameter Tables of the Standard (Tables 7.1, 8.1, and 9.1). The new phrasing acknowledges that other space ventilation rate requirements likely exist in other Codes or Standards for those spaces not included in the Design Parameter Tables and that these spaces may also be physically located within Health Care Facilities.*

*Proposed Addendum g also adds the definitions of patient and resident that is aligned with the FGI Guidelines, serving as additional clarity of the standard's use and assists users to avoid mis-interpretation in application related to animal care.*

***[Note to Reviewers: This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~striketrough~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the current standard are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.]***

## Addendum g to 170-2017

---

***Add new items in Section 3 Definitions as shown below. The remainder of Section 3 is unchanged.***

***patient***: A person receiving medical, surgical, or psychiatric care.

***resident***: A person living and receiving health, care, and/or support services in a nursing home, hospice facility, assisted living facility, independent living setting, or inpatient rehabilitation facility.

***Revise Section 7.1.a.2 as shown below. The remainder of Section 7.1 is unchanged.***

**7.1 General Requirements.** The following general requirements shall apply for space ventilation:

- a. Spaces shall be ventilated according to Table 7.1.

[...]

2. The ventilation requirements in this table are intended to provide for comfort as well as for asepsis and odor control in spaces of a health care facility that directly affect patient care. For spaces not specifically listed here, ventilation requirements shall be that of functionally equivalent spaces in the table. If no functionally equivalent spaces exist in the table, ventilation requirements shall be obtained from ANSI/ASHRAE Standard 62.1<sup>1</sup> in the absence of other Codes or Standards which govern those space ventilation rate requirements. Where spaces with prescribed rates in both Standard 62.1 and Table 7.1 of this standard exist, the higher of the two air change rates shall be used.

[...]

***Revise Section 8.1.a.2 as shown below. The remainder of Section 8.1 is unchanged.***

**8.1 General Requirements.** The following general requirements shall apply for space ventilation:

a. Spaces shall be ventilated according to Table 8.1.

[...]

2. The ventilation requirements in this table are intended to provide for comfort as well as for asepsis and odor control in spaces of a health care facility that directly affect patient care. For spaces not specifically listed here, ventilation requirements shall be that of functionally equivalent spaces in the table. If no functionally equivalent spaces exist in the table, ventilation requirements shall be obtained from ANSI/ASHRAE Standard 62.1<sup>1</sup> in the absence of other Codes or Standards which govern those space ventilation rate requirements. Where spaces with prescribed rates in both Standard 62.1 and Table 8.1 of this standard exist, the higher of the two air change rates shall be used.

[...]

***Revise Section 9.1.a.2 as shown below. The remainder of Section 9.1 is unchanged.***

**9.1 General Requirements.** The following general requirements shall apply for space ventilation:

a. Spaces shall be ventilated according to Table 9.1.

[...]

2. The ventilation requirements in this table are intended to provide for comfort as well as for asepsis and odor control in spaces of a health care facility that directly affect resident care. For spaces not specifically listed here, ventilation requirements shall be that of functionally equivalent spaces in the table. If no functionally equivalent spaces exist in the table, ventilation requirements shall be obtained from ANSI/ASHRAE Standard 62.1<sup>1</sup> or ANSI/ASHRAE Standard 62.2<sup>XX</sup> in the absence of other Codes or Standards which govern those space ventilation rate requirements. Where spaces with prescribed rates in both Standard 62.1 or Standard 62.2<sup>XX</sup> and Table 9.1 of this standard exist, the higher of the two air change rates shall be used.

[...]

***Add new reference to Section 11 as shown below. The remainder of Section 11 is unchanged.***

**XX** ASHRAE 2016. ANSI/ASHRAE Standard 62.2, *Ventilation and Acceptable Indoor Air Quality in Residential Buildings*. Atlanta: ASHRAE.