



**BSR/ASHRAE/ASHE Addendum x  
to ANSI/ASHRAE/ASHE Standard 170-2021**

**Public Review Draft**

**Proposed Addendum x to  
Standard 170-2021, Ventilation of  
Health Care Facilities**

**First Public Review (July 2025)**  
**(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.

© 2025 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, 180 Technology Parkway NW, Peachtree Corners, GA 30092. Phone: 404-636-8400, Ext. 1125. Fax: 404-321-5478. E-mail: [standards.section@ashrae.org](mailto:standards.section@ashrae.org).

**ASHRAE, 180 Technology Parkway NW, Peachtree Corners, GA 30092**

(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 x adds a requirement that if a design for emergency conditions includes a plan for infectious aerosols, then it must follow ASHRAE Standard 241, Control of Infectious Aerosols.*

*[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 x to 170-2021

---

*Revise Section 5.7 as shown below. Section 5.7 and Informative Appendix E were added by Addendum q to Standard 170-2022. Published addenda are available for free on the ASHRAE website at <https://www.ashrae.org/technical-resources/standards-and-guidelines/standards-addenda>.*

**5.7 Emergency Conditions.** HVAC system design and arrangement shall address the applicable recommendations contained in the facility's operational and emergency plan. When the owner's project requirements include a plan for an Infection Risk Management Mode, the design shall follow ASHRAE Standard 241 Control of Infectious Aerosols.

**Informative Note:** Refer to Informative Appendix E for other design guidance and considerations.

*Add a new reference to Section 11 as shown below.*

## 11. NORMATIVE REFERENCES

ASHRAE. 2023. ASHRAE Standard 241, *Control of Infectious Aerosols*. Atlanta: ASHRAE.