



**BSR/ASHRAE/ASHE Addendum a
to ANSI/ASHRAE/ASHE Standard 189.3-2021**

Public Review Draft

**Proposed Addendum a to
Standard 189.3-2021, Design,
Construction, and Operation of
Sustainable High-Performance
Health Care Facilities**

**Second Public Review (May 2023)
(Draft Shows Changes to Current Standard)**

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(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

This addendum addresses the issue presented by patients or residents being in beds, chairs, or required fixed positions that would make it difficult to look up or out to gain the view fenestration. Additionally, it adjusts the line of sight distance for the additional area generally utilized in assisted living facilities. However, proximity of staff to the patient and the typical arrangement of the nurse station to the patients is in conflict, as that would be considered an office. This provides the flexibility to the design professional to arrange for the best patient care. Providing staff views to the exterior is strongly encouraged whenever possible.

This second publication public review draft replaces the previous (first) publication public review draft in its entirety, and incorporates modifications published in Addendum o to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings. Two significant changes in Addendum o to Standard 189.1-2020 were revision of numbering Section 8.3.9 to Section 8.3.8 and revised to a mandatory requirement.

Note: 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 a to Standard 189.3-2021

Add new Section 8.3.9 as shown. The remainder of Section 8 is unchanged.

8. INDOOR ENVIRONMENTAL QUALITY

[...]

8.3.8 Exterior Views. Provide qualifying view fenestration for the space types listed in Section 8.3.8.1 and 8.3.8.2. Qualifying view fenestration shall meet the following criteria:

- a. Glazing shall have a haze value less than 3%, as determined in accordance with ASTM D1003.
- b. Center-of-glass visible transmittance (VT) shall be not less than 20%.
- c. The product of the center-of-glass VT and the openness factor of screens, patterned films, and ceramic frits shall be not less than 20%.
- d. Where dynamic glazing is provided, glazing shall have a center-of-glass VT of not less than 20% at the highest setting of its VT range.
- e. Where stationary opaque window treatments are provided, such as non-operable blinds, shades, and louvers, such treatments shall not obstruct more than 40% of the fenestration glazing area.

8.3.8.1 Patient and Resident Rooms. Not less than 50% of the net floor area of each patient room and resident room within hospitals and residential health, care, and support facilities shall have a direct line-of-sight to view fenestration meeting the criteria of Section 8.3.8, originating at a height of not more than 36 inches (0.9 m) above the finished floor. The line-of-sight distance to view fenestration shall not exceed 20 ft (6.1 m) and the view fenestration shall not be less than 5% of the floor area.

8.3.8.2 Other Space Types. Not less than 50% of the total combined floor area of each of the space types listed in Table 8.3.8 shall have a direct line-of-sight to view fenestration meeting the criteria of Section 8.3.8, originating at a height of not more than 42 in. (1.1 m) above the floor. The line-of-sight distance to view

fenestration shall not exceed 40 ft (12.2 m). The glazing area shall not be less than 8% of the floor area required to have exterior views.

Exceptions to 8.3.8.2:

1. Space types listed in Table 8.3.8 that are not located along the perimeter of the building.
2. Space types listed in Table 8.3.8 for which the view fenestration would interfere with patient care delivery and privacy.

Table 8.3.8 Exterior View Space Types

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| <u>Classrooms</u> |
| <u>Enclosed Offices and Open-Plan Offices</u> |
| <u>Conference, meeting, and multipurpose rooms</u> |
| <u>Lounge or breakrooms</u> |