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

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

Second Public Review (March 2020)
(Draft shows Proposed Independent Substantive Changes to Previous Public Review Draft)

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FOREWORD

Proposed Addendum L continues the process of reorganizing the standard into three components—Hospital, Outpatient, and Residential Health Care and Support in alignment with the FGI Guidelines’ transition to three separate standards. Addendum L follows the continuing maintenance process in further coordination with FGI staff and 170 staff to result in a coordinated document for use by all stakeholders in the Healthcare Community.

This proposed addendum is 5 edits of definitions, 1 each edits in Chapters 7, 8 and 9 along with specific line (row) edits in Table 7.1. These edits incorporate Addenda ‘a’ & ‘p’. Generally, the changes are as follows:

- Incorporate Addendum ‘a’ updated filtration requirements to revised Table 7.1 rows affected.
- Incorporate Addendum ‘p’ updated unoccupied turndown requirements to revised Table 7.1 rows affected.

Revise the space name definitions and process definitions, table organization, and subheadings to better correlate with the 2018 FGI Guidelines for Design and Construction of Hospitals, including the addition of paragraph numbers after each space name. These revised 2018 FGI paragraph numbers have been coordinated with FGI committee members and will be presented in italicized text to keep them as informative language.

[Note to Reviewers: This public review draft makes proposed independent substantive changes to the previous public review draft. These changes are indicated in the text by underlining (for additions) and strikethrough (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 L to 170-2017

Revise Table 7.1 as shown below. The remainder of Table 7.1 is unchanged.
### Table 7.1 Design Parameters – Hospital Spaces

<table>
<thead>
<tr>
<th>Function of Space (dd)</th>
<th>Pressure Relationship to Adjacent Areas (n)</th>
<th>Minimum Outdoor ach</th>
<th>Minimum Total ach</th>
<th>All Room Air Exhausted Directly to Outdoors (j)</th>
<th>Air Recirculated by Means of Room Units (a)</th>
<th>Unoccupied Turndown</th>
<th>Minimum Filter Efficiencies (bb)</th>
<th>Design Relative Humidity (k), %</th>
<th>Design Temperature (l), °F/°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIAGNOSTIC AND TREATMENT</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Class 2 imaging room (d), (p) <em>(FGI 2.2-3.4.2.4(1)(b)(ii))</em></td>
<td>Positive</td>
<td>3</td>
<td>15</td>
<td>NR</td>
<td>No</td>
<td>Yes</td>
<td>MERV-A-8 / MERV-A-14</td>
<td>max 60</td>
<td>70–75/21–24</td>
</tr>
</tbody>
</table>