

ADDENDA

**ANSI/ASHRAE/ASHE Addendum j to
ANSI/ASHRAE/ASHE Standard 170-2021**

Ventilation of Health Care Facilities

Approved by ASHRAE and the American National Standards Institute on July 31, 2023 and by the American Society for Health Care Engineering on July 26, 2023.

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FOREWORD

Standard 170 currently addresses single-occupancy patient care spaces for behavioral health settings in hospitals but does not address spaces where multiple patients assemble. Addendum j addresses the pressure relationship, ventilation, filtration, temperature, and humidity requirements for behavioral health multiple-patient assembly areas by adding to Table 7-1.

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

Addendum j to Standard 170-2021

Modify Table 7-1 as shown. The remainder of Table 7-1 is unchanged.

Table 7-1 Design Parameters—Inpatient Spaces

Function of Space (ee)	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)	Unoccupied Turndown	Minimum Filter Efficiencies (cc)	Design Relative Humidity (k), %	Design Temperature (l), °F/°C
[. . .]									
BEHAVIORAL AND MENTAL HEALTH FACILITIES (k)									
Patient bedroom, resident room (FGI 2.2–2.12.2 & 2.5–2.2.2)	NR	2	2	NR	NR	Yes	MERV-8	NR	NR
Seclusion room (FGI 2.1–2.4.3 & 2.2–2.12.4.3)	NR	2	4	NR	NR	Yes	MERV-8	NR	NR
<u>Resident Group/multipurpose/activity/dining (FGI 2.2-3.2.2.3)</u>	<u>NR</u>	<u>2</u>	<u>4</u>	<u>NR</u>	<u>NR</u>	<u>Yes</u>	<u>MERV-8</u>	<u>NR</u>	<u>NR</u>
[. . .]									

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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.

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