

**ERRATA SHEET FOR ANSI/ASHRAE/ASHE STANDARD 170-2021
Ventilation of Health Care Facilities**

September 1, 2022

The corrections listed in this errata sheet apply to ANSI/ASHRAE/ASHE Standard 170-2021. The first printing is identified on the outside back cover as “Product code: 86536 3/21”. **Shaded** items have been added since the previously published errata sheet dated November 15, 2021 was distributed.

<u>Page</u>	<u>Erratum</u>
14	Table 7-1 Design Parameters—Inpatient Spaces. In Table 7-1 change the heading “NURSING UNITS AND OTH & ER PATIENT CARE AREAS” to “NURSING UNITS AND OTHER PATIENT CARE AREAS”.
23	7.4.1 Operating Rooms (ORs), Operating/Surgical Cystoscopic Rooms, Caesarean Delivery Rooms, and Class 3 Imaging Rooms. In Section 7.4.1 delete item “c” and re-letter item “d” as “c” as shown below. <i>(Note: Additions are shown in <u>underline</u> and deletions are shown in strikethrough.)</i> [...] e. In operating rooms designated for orthopedic procedures, transplants, neurosurgery, or dedicated burn unit procedures, HEPA filters shall be provided. <u>c.</u> In ORs or Class 3 imaging rooms designated for orthopedic procedures, transplants, neurosurgery, or dedicated burn unit procedures, HEPA filters shall be provided and located in the air terminal device.
26	Table 8.1 Design Parameters – Specialized Outpatient Spaces. For Sterilizer equipment room change the Air Recirculated by Means of Room Units listed in Table 8.1 from “No” to “NR” as shown in the attached. Changes highlighted in yellow. <i>(Note: Additions are shown in <u>underline</u> and deletions are shown in strikethrough.)</i>
26	Table 8-1 Design Parameters—Specialized Outpatient Spaces. Remove the FGI reference for Specialty IC exam room in Table 8-1 as shown in the attached. Changes highlighted in yellow. <i>(Note: Deletions are shown in strikethrough.)</i>
29	Table 8-2 Design Parameters—General Outpatient Spaces (q). Remove the FGI reference for Specialty IC exam room in Table 8-2 as shown in the attached. Changes highlighted in yellow. <i>(Note: Deletions are shown in strikethrough.)</i>
33	Table 9-1 Design Parameters for Residential Health, Care, and Support-Specific Spaces. In Table 9-1 revise all Design Temperature ranges “70-78 °F/21-29 °C” to “70-78 °F/21-26 °C” as shown in the attached Table 9-1. Changes highlighted in yellow. <i>(Note: Additions are shown in <u>underline</u> and deletions are shown in strikethrough.)</i>

Table 8-1 Design Parameters—Specialized Outpatient Spaces

Function of Space (f)	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)	Minimum Filter Efficiencies (c)	Design Relative Humidity (k), %	Design Temperature (l), °F/°C
DIAGNOSTIC AND TREATMENT <i>(Continued)</i>								
Specialty IC exam room <i>(FGI 2.1-3.2.1.3)</i> (y)	Negative	2	6	Yes	NR	MERV-8	Max 60	70–75/21–24

Table 8-1 Design Parameters—Specialized Outpatient Spaces

Function of Space (f)	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)	Minimum Filter Efficiencies (c)	Design Relative Humidity (k), %	Design Temperature (l), °F/°C
STERILE PROCESSING (aa)								
Sterilizer equipment room <i>(FGI 2.1-4.3.2.2)</i>	Negative	NR	10	Yes	NR-Ne	MERV-8	NR	NR

Table 8-2 Design Parameters—General Outpatient Spaces (q)

Function of Space (f)	Pressure Relationship to Adjacent Areas (d)	ach Design Option		All Room Air Exhausted Directly to Outdoors (j)	Air Recirculated by Means of Room Units (a)	Min. Filter Efficiencies (c)	Design RH% (i)	Design Temperature °F/°C (k)	R_p - R_a Air-Class Design Option			
		Min. Outdoor ach (q)	Min. Total ach (q)						Air Class (q)	R_p cfm/(L·s)/ person and Min. Space Population (q)	R_a cfm/ft/(L·s/m) (q)	
GENERAL DIAGNOSTIC AND TREATMENT												
Specialty IC exam room <i>(FGI 2.5-3.2.3)</i> (b)	Negative	2	3	Yes	NR	MERV-8	Max 60	70–75/21–24	3	10 (5) / 3	0.18 / (0.9)	

Table 9-1 Design Parameters for Residential Health, Care, and Support-Specific Spaces

Function of Space (f)		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)	Minimum Filter Efficiencies (c)	Design Relative Humidity (k), %	Design Temperature (l), °F/°C
RESIDENTIAL HEALTH									
NURSING HOMES									
All room (FGI 3.1-2.2.4.1) (b)	Negative	2	12	Yes	No	Yes	MERV-14	Max 60	70-78/21- 26 29
All anteroom (FGI 3.1-2.2.4.1) (b)	Negative	NR	10	Yes	No	Yes	MERV-14	Max 60	70-78/21- 26 29
Occupational therapy (FGI 3.1-3.3.3)	NR	2	6	NR	NR	Yes	MERV-14	NR	70-78/21- 26 29
Physical therapy (FGI 3.1-3.3.2)	Negative	2	6	NR	NR	Yes	MERV-14	NR	70-78/21- 26 29
Resident living/activity/dining (FGI 3.1-2.3.3)	NR	4	4	NR	NR	Yes	MERV-14	Max 60	70-78/21- 26 29
Resident room (FGI 3.1-2.2.2)	NR	2	2	NR	NR	Yes	MERV-14	Max 60	70-78/21- 26 29
Resident corridor (FGI 2.4-2.2.2)	NR	NR	4	NR	NR	Yes	MERV-14	NR	70-78/21- 26 29
Toilet/bathing room (FGI 3.1-2.2.2.6)	Negative	NR	10	Yes	No	No	MERV-14	NR	70-78/21- 26 29
HOSPICE FACILITIES									
All room (FGI 3.2-2.2.3.1) (c)	Negative	2	12	Yes	No	Yes	MERV-14	Max 60	70-75/21-24
All anteroom (FGI 3.2-2.2.3.1) (c)	(e)	NR	10	Yes	No	Yes	MERV-8	Max 60	NR
Resident room (FGI 3.2-2.2.2)	NR	2	2	NR	NR	Yes	MERV-8	Max 60	70-75/21-24
Resident corridor (FGI 2.4-2.2.2)	NR	NR	4	NR	NR	Yes	MERV-8	NR	NR
Toilet/bathing room (FGI 3.2-2.2.2.6)	Negative	NR	10	Yes	No	Yes	MERV-8	NR	70-75/21-24
RESIDENTIAL CARE AND SUPPORT									
ASSISTED LIVING FACILITIES									
Resident living/activity/dining (FGI 4.1-2.3.3)	NR	NR	NR	NR	NR	Yes	MERV-8	NR	NR
Resident room (FGI 4.1-2.2.2)	NR	NR	NR	NR	NR	Yes	MERV-8	NR	70-78/21- 26 29
Resident corridor (FGI 2.4-2.2.2)	NR	NR	NR	NR	NR	Yes	MERV-8	NR	NR
Toilet/bathing room (FGI 4.1-2.2.2.7)	NR	NR	NR	NR	NR	Yes	MERV-8	NR	NR
SERVICE									
Clean linen storage (FGI 2.3-4.6)	Positive	NR	2	NR	NR	No	MERV-8	NR	72-78/22-26
Dietary storage (FGI 2.3-4.5)	NR	NR	2	NR	No	No	MERV-8	NR	72-78/22-26
Food preparation center (FGI 2.3-4.5.3.3) (e)	NR	2	10	NR	No	Yes	MERV-8	NR	72-78/22-26
Hair salon (FGI 2.3-2.3.5 & 4.1-2.3.5)	Negative	NR	10	Yes	NR	Yes	MERV-8	NR	70-78/21- 26 29
Laundry, central and personal (FGI 2.3-4.2.7)	Negative	2	10	Yes	No	No	MERV-8	NR	NR
Linen and trash chute room (FGI 2.3-4.6 & 2.3-4.9)	Negative	NR	10	Yes	No	No	MERV-8	NR	NR
Medication room (FGI 2.3-4.2.2.2)	NR	2	4	NR	NR	Yes	MERV-8	Max 60	70-75/21-24
Soiled linen sorting and storage (FGI 2.3-4.6)	Negative	NR	10	Yes	No	No	MERV-8	NR	NR
Warewashing (FGI 2.3-4.5.3.6)	Negative	NR	10	Yes	No	Yes	MERV-8	NR	NR
SUPPORT SPACE									
Clean utility (FGI 2.3-4.2.5)	Positive	2	4	NR	NR	No	MERV-8 (k)	NR	NR

Environmental services room (FGI 2.3–4.9) (j)	Negative	NR	10	Yes	NR	No	MERV-8	NR	NR
Hazardous waste storage (FGI 2.3–4.8)	Negative	2	10	Yes	No	No	MERV-8	NR	NR
Soiled utility or soiled holding (FGI 2.3–4.2.6)	Negative	2	10	Yes	No	No	MERV-8	NR	NR
