**ERRATA SHEET FOR**
**ANSI/ASHRAE STANDARD 62.1-2019**
**Ventilation for Acceptable Indoor Air Quality**

**June 15, 2021**

The corrections listed in this errata sheet apply to ANSI/ASHRAE Standard 62.1-2019. The first printing is identified on the outside back cover as "Product code: 86170 10/19". Shaded items have been added since the previously published errata sheet dated December 1, 2020 was distributed.

**NOTICE:** ASHRAE now has a list server for Standing Standards Project Committee 62.1 (SSPC 62.1). Interested parties can now subscribe and unsubscribe to the list server and be automatically notified via e-mail when activities and information related to the Standard is available. To sign up for the list server please visit **Project Committee List Servers** on the Standards and Guidelines section of the ASHRAE website at https://www.ashrae.org/standards-research--technology/standards--guidelines/standards-activities/project-committee-list-servers.

**Page** **Erratum**

**18** **Table 6-1 Minimum Ventilation Rates in Breathing Zone *(Continued)*.** Change the occupancy category in Table 6-1 from "Food and Beverage Service, General" to "General" as shown below.
*(Note: Deletions are shown in ~~strikethrough~~.)*

**~~Food and Beverage Service,~~ General**

**20** **Table 6-1 Table 6-1 Minimum Ventilation Rates in Breathing Zone *(Continued)*.** In the Default Values Occupant Density column for Transient Residential Dwelling unit delete note "F". This note was deleted by Addendum s to 62.1-2016 but failed to get incorporated into 62.1-2019.
*(Note: Deletions are shown in ~~strikethrough~~.)*

**Transient Residential**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Common corridors | — | — | 0.06 | 0.3 | | 1 | ✓ |
| Dwelling unit | 5 | 2.5 | 0.06 | 0.3 | ~~F~~ | 1 | ✓ |

**22** **6.2.1.1.2 Source Strengths.** In Section 6.2.1.1.2 change Section 6.3.6 to Section 6.3 as shown below. Changes are highlighted in yellow.
*(Note: Additions are shown in underline and deletions are shown in ~~strikethrough~~.)*

**6.2.1.1.2 Source Strengths.** The Ventilation Rate Procedure minimum rates are based on contaminant sources and source strengths that are typical for the listed occupancy categories. Where unusual sources are expected, the additional ventilation or air cleaning required shall be calculated using Section 6.3, ~~6.3.6 of~~ the IAQ Procedure, or criteria established by the EHS professional responsible to the owner.

***Informative Notes:***

1. Zones where emissions are expected from stored hazardous materials are not typical for any

listed occupancy category.

2. Dry ice, theatrical smoke, and smoke-producing activities are not typical for any listed occupancy categories.

**23 Table 6-4 Zone Air Distribution Effectiveness.** Revise Table 6-4 as shown in the attached. (*Note: Deletions are shown in ~~strikethrough~~.)*

**Table 6-4 Zone Air Distribution Effectiveness**

| **Air Distribution Configuration** | $E_z$ |
|---|---|
| **Well-Mixed Air Distribution Systems** | |
| Ceiling supply of cool air | 1.0 |
| Ceiling supply of warm air and floor return | 1.0 |
| Ceiling supply of warm air 15°F (8°C) or more above space temperature and ceiling return | 0.8 |
| Ceiling supply of warm air less than 15°F (8°C) above average space temperature where the supply air-jet velocity is less than 150 fpm (0.8 m/s) within 4.5 ft (1.4 m) of the floor and ceiling return | 0.8 |
| Ceiling supply of warm air less than 15°F (8°C) above average space temperature where the supply air-jet velocity is equal to or greater than 150 fpm (0.8 m/s) within 4.5 ft (1.4 m) of the floor and ceiling return | 1.0 |
| Floor supply of warm air and floor return | 1.0 |
| Floor supply of warm air and ceiling return | 0.7 |
| Makeup supply outlet located more than half the length of the space from the exhaust, return, or both | 0.8 |
| Makeup supply outlet located less than half the length of the space from the exhaust, return, or both | 0.5 |
| **Stratified Air Distribution Systems (Section 6.2.1.2.1)** | |
| Floor supply of cool air where the vertical throw is greater than or equal to 60 fpm (0.25 m/s) at a height of 4.5 ft (1.4 m) above the floor and ceiling return at a height less than or equal to 18 ft (5.5 m) above the floor | 1.05 |
| Floor supply of cool air where the vertical throw is less than ~~or equal to~~ 60 fpm (0.25 m/s) at a height of 4.5 ft (1.4 m) above the floor and ceiling return at a height less than or equal to 18 ft (5.5 m) above the floor | 1.2 |
| Floor supply of cool air where the vertical throw is less than ~~or equal to~~ 60 fpm (0.25 m/s) at a height of 4.5 ft (1.4 m) above the floor and ceiling return at a height greater than 18 ft (5.5 m) above the floor | 1.5 |
| **Personalized Ventilation Systems (Section 6.2.1.2.2)** | |
| Personalized air at a height of 4.5 ft (1.4 m) above the floor combined with ceiling supply of cool air and ceiling return | 1.40 |
| Personalized air at a height of 4.5 ft (1.4 m) above the floor combined with ceiling supply of warm air and ceiling return | 1.40 |
| Personalized air at a height of 4.5 ft (1.4 m) above the floor combined with a stratified air distribution system with nonaspirating floor supply devices and ceiling return | 1.20 |
| Personalized air at a height of 4.5 ft (1.4 m) above the floor combined with a stratified air distribution system with aspirating floor supply devices and ceiling return | 1.50 |