

ERRATA SHEET FOR ANSI/ASHRAE STANDARD 55-2020
Thermal Environmental Conditions for Human Occupancy

April 21, 2022

The corrections listed in this errata sheet apply to ANSI/ASHRAE Standard 55-2020. The first printing is identified on the outside back cover as “Product code: 86201 2/21”. The shaded items have been added since the previously published errata sheet dated April 28, 2021 was distributed.

Page Erratum

- 17 Figure 5-6 Flowchart for determining limits to air speed inputs in the Elevated Air Speed Comfort Zone Method.** In Figure 5-6 change the reference to the formula to find the upper limit from Section “5.3.3.4” to Section “5.3.2.4” as shown below.
(Note: Additions are shown in underline and deletions are shown in ~~strikethrough~~.)

23°C < T_{OP} < 25.5°C
(73.4°F < T_{OP} < 77.9°F): USE
FORMULA IN ~~5.3.3.4~~ 5.3.2.4 TO
FIND UPPER LIMIT

- 55 INFORMATIVE APPENDIX J OCCUPANT-CONTROLLED NATURALLY CONDITIONED SPACES.** Revise the third paragraph of Informative Appendix J as shown below.
(Note: Additions are shown in underline and deletions are shown in ~~strikethrough~~.)

[...]

It is permissible to use mechanical ventilation with unconditioned air, ~~but the space must not have a mechanical cooling system installed.~~ Opening and closing of fenestration must be the primary means of regulating the thermal conditions in the space. It is permissible for the space to be provided with a heating and/or cooling system, but this optional method does not apply when the heating and/or cooling system is in operation. It applies only to spaces where the occupants are engaged in near-sedentary physical activities, with metabolic rates ranging from 1.0 to 1.3 met. This optional method applies only to spaces where the occupants are free to adapt their clothing to the indoor and/or outdoor thermal conditions. The permitted range of acceptable clothing must be at least as broad as 0.5 to 1.0 clo. Table J-1 shows example clothing ensembles that achieve 0.5 clo or lower.

[...]