

ERRATA SHEET FOR ANSI/ASHRAE STANDARD 55-2017
Thermal Environmental Conditions for Human Occupancy

October 15, 2020

The corrections listed in this errata sheet apply to ANSI/ASHRAE Standard 55-2017. The first printing is identified on the outside back cover as “Product code: D86181 9/17”. The shaded items have been added since the previously published errata sheet dated July 10, 2020 was distributed.

Page Erratum

- 22 C1. Calculation Procedure.** In the paragraph below Equation C-1 change “ T_a ” to “ t_a ”.
- 22 C1. Calculation Procedure.** In the paragraph above Equation C-5 change “(see Figure C1-2)” to “(see Figure C2-1)”.
- 22 C1. Calculation Procedure.** In the paragraph below Equation C-5 change “×” to a period “.” so it reads as shown below.

$$I_{TH} = I_{dir} \sin\beta + I_{diff}. \quad I_{diff} \text{ is approximated as } (0.17 I_{dir} \sin\beta).$$

- 27 C3. Computer Program for Calculating Comfort Impact of Solar Gain on Occupants.** In Section C3 change “SET” to “solar” as shown below.
(Note: Additions are shown in underline and deletions are shown in ~~strikethrough~~.)

The following code is one implementation of the ~~SET~~solar calculation using JavaScript in SI units.