

**Errata to
HVAC Design Manual for Hospitals and Clinics,
Second Edition**

August 20, 2020

Shaded items have been added since the previously published errata sheet dated March 28, 2018.

Pages 8: The heading for Section 1.5.1 that is currently at the top of page 8 needs to be moved down to the next paragraph on that page.

Page 31: In the last sentence of the second paragraph, delete “; or that the dew point is above the surface temperatures.”

Pages 57–58: The order of Figures 3-11 and 3-12 is backward. What is labeled Figure 3-11 should be Figure 3-12, and vice versa.

Pages 115–16: The heading for Section 5.3.4 that is currently at the top of page 116 needs to be moved to be at the very beginning of that paragraph, which is at the bottom of page 115.

Page 152: In the equation at the bottom of the left column, change the equation from

$$A_L = C_5 Q_r ((\rho/2\Delta p_r)^{1/2}) / C_D \Delta p_r$$

to

$$A_L = C_5 Q_r ((\rho/2\Delta p_r)^{1/2}) / C_D$$

Page 266: In the equation for Q_w in I-P units, change the T_w value from 66.8°F to **69.6°F**.
In the equation for Q_w in SI units, change the T_w value from 19.3°F to **20.7°C**.
In the equation for Q_s in SI units, change the T_s value from 23.6°F to **23.7°C**.

Page 268:

Change the equation for Q in SI units from

$$Q = (T_1 - T_2)/R_{total} = 54/31.17 = 1.732$$

$$1.732 = (72 - X)/0.92$$

$$X = 70.4^\circ\text{F}$$

to

$$Q = (T_1 - T_2)/R_{total} = \mathbf{30/5.5 = 5.45}$$

$$\mathbf{5.45 = (22 - X)/0.16}$$

$$X = \mathbf{21.1^\circ\text{C}}$$