

ERRATA SHEET FOR ANSI/ASHRAE STANDARD 193-2010
Method of Test for Determining the Air Tightness of HVAC Equipment

February 16, 2012

The corrections listed in this errata sheet apply to ANSI/ASHRAE Standard 193-2010. The first printing is identified on the outside back cover as “Product Code: 86615 8/10” and the second printing as “Product Code: 86615 2/11 *Errata dated 1/31/11 have been incorporated.*”. **Shaded** items have been added since the previously published errata sheet dated January 31, 2011 was distributed. Errata identified with an asterisk “*” apply only to the hard copy version of the first printing.

Page Erratum

4 and 5* **6.2.1.4, 6.2.3.2, 6.2.3.4, 6.2.3.5.** Math operator characters in the following equations did not print correctly. Corrections for Equations 1–6 appear below.

$$Q_{leak} = Q_{meas, std} - Q_{bg, std} \quad (1)$$

$$Q_{leak, std} = Q_{leak} \sqrt{\frac{P_{baro}}{29.92} \frac{528}{(T_{meas} + 460)}} \quad (I-P) \quad (2)$$

$$Q_{leak, std} = Q_{leak} \sqrt{\frac{P_{baro}}{101.325} \frac{293}{(T_{meas} + 273)}} \quad (SI) \quad (3)$$

$$Q_{leak+} = Q_{meas+, std} - Q_{bg+, std} \quad (4)$$

$$Q_{leak-} = Q_{meas-, std} - Q_{bg-, std} \quad (5)$$

$$Q_{leak} = Q_{leak+, std} + Q_{leak-, std} \quad (6)$$

5 **6.2.3.5.** In Equation (6) in Section 6.2.3.5 remove the subscript “*std*” from the terms $Q_{leak+, std}$ and $Q_{leak-, std}$ so the equation reads as follows:

6.2.3.5

$$Q_{leak} = Q_{leak+} + Q_{leak-} \quad (6)$$