

**ERRATA SHEET FOR  
ANSI/ASHRAE STANDARD 79-2002 (RA 2006)  
Method of Testing for Rating Fan-Coil Conditioners**

**February 11, 2014**

The corrections listed in this errata sheet apply to ANSI/ASHRAE Standard 79-2002 (RA 2006). The first printing is identified on the outside back cover of the standard as “86210 PC 2/06” and the second printing as “Product Code: 86210 12/09 *Errata noted in the list dated 6/08/06 have been corrected.*” The erratum identified with an asterisk “\*” applies only to the first printing and has already been incorporated into the second printing (included in 6/8/2006 errata). **Shaded** items have been added since the previously published errata sheet dated June 8, 2006 was distributed.

**Page      Erratum**

- 4**      **Figure 2 Airflow- and temperature-measuring apparatus.** Replace the current figure with the one shown below.
- 6**      **Figure 3a Tunnel air-enthalpy test method arrangement.** Replace the current figure with the one shown below.
- 6**      **Figure 3b Loop air-enthalpy test method arrangement.** Replace the current figure with the one shown below.
- 6**      **Figure 3c Calorimeter air-enthalpy test method arrangement.** Replace the current figure with the one shown below.
- 8**      **Figure 7 Piezometer ring details.** Replace the current figure with the one shown below.

**10\***      **Section 8.1.1.** Revise the SI equation for “ $v'_n$ ” from

$$v'_n = \left( \frac{v_1}{1 + W_1} \times \frac{101}{P_b + P_v} \times \frac{273 + t_{an}}{273 + t_{a1}} \right) \text{ to}$$

$$v'_n = \left( \frac{v_1}{1 + W_1} \times \frac{101}{P_b + \frac{P_v}{1000}} \times \frac{273 + t_{an}}{273 + t_{a1}} \right)$$

**Note:** Figures below have been redrawn for clarification only. No substantive changes to the figures have been made.

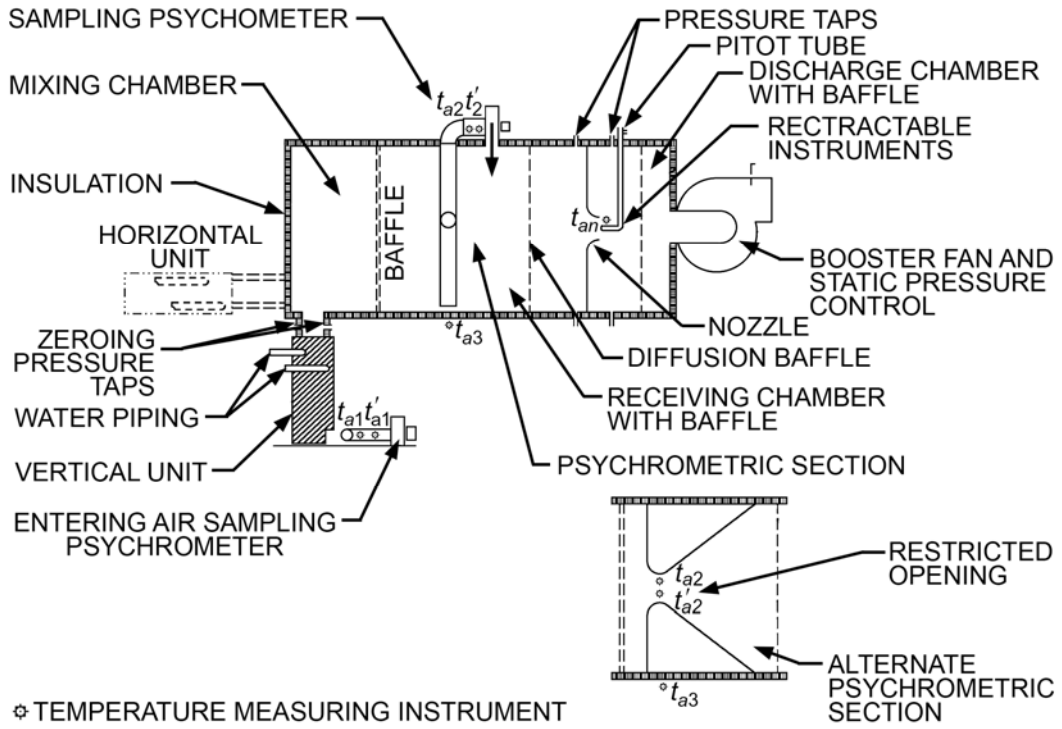


Figure 2 Airflow- and temperature-measuring apparatus.

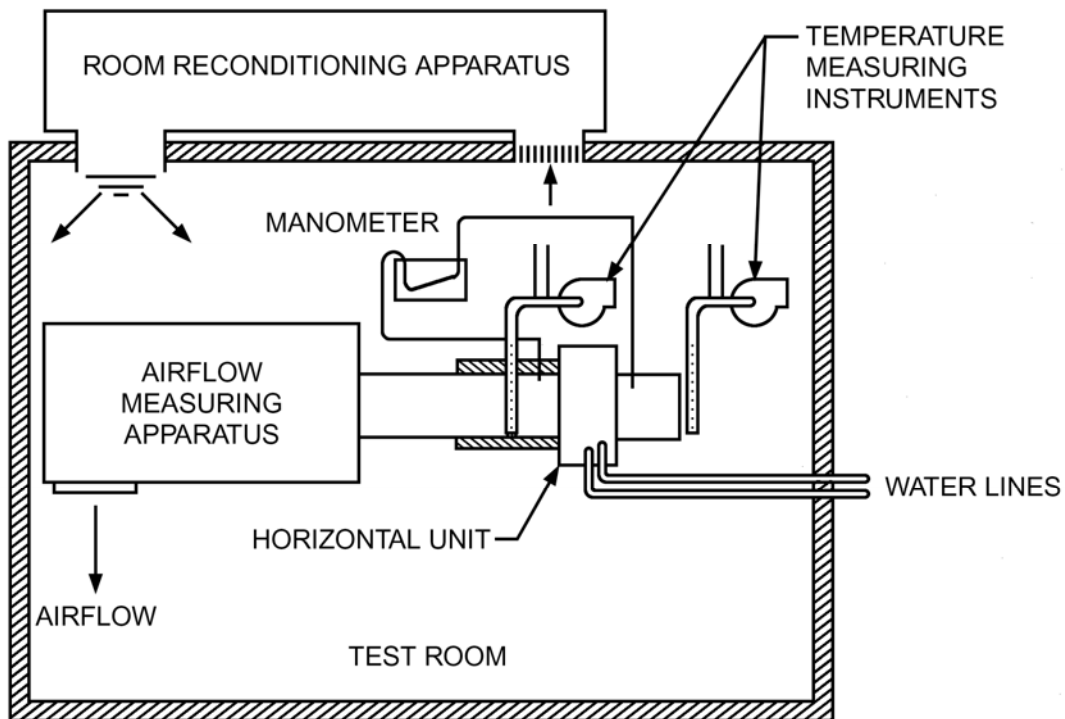


Figure 3a Tunnel air-enthalpy test method arrangement.

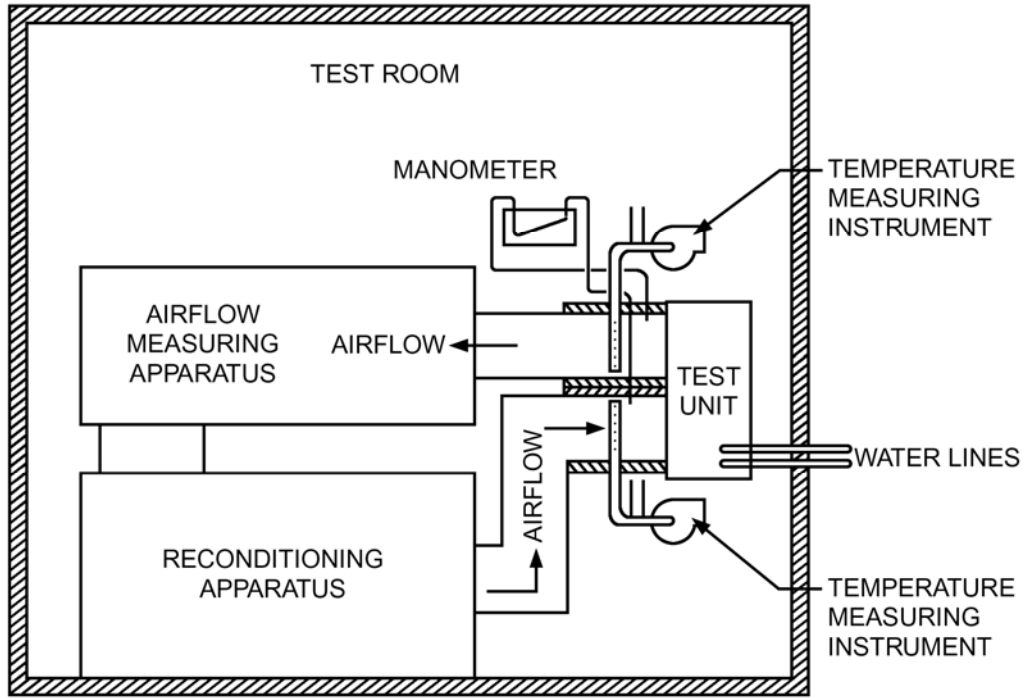


Figure 3b Loop air-enthalpy test method arrangement.

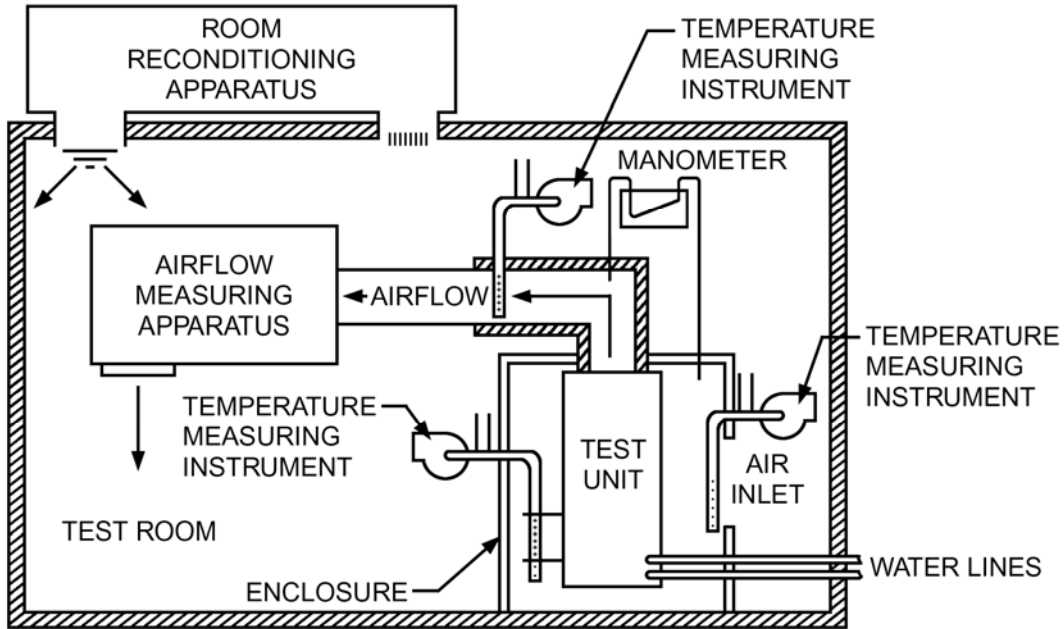
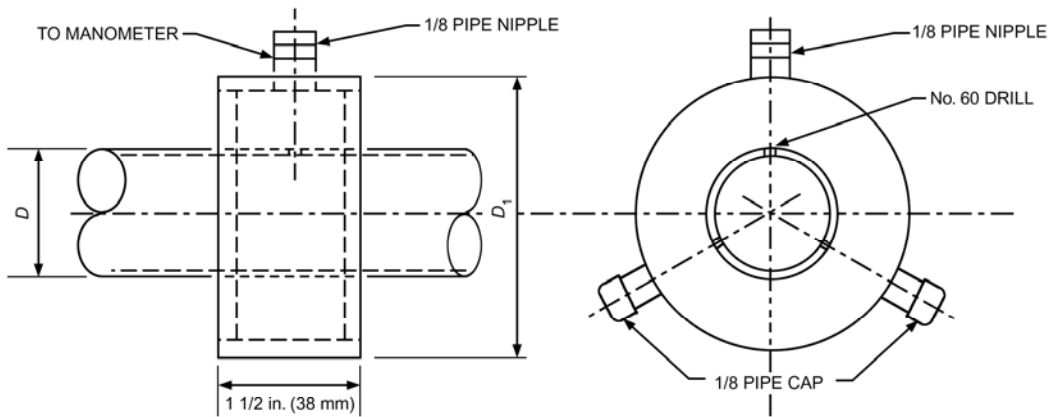


Figure 3c Calorimeter air-enthalpy test method arrangement.



$D$ (NOM.)	$D_1$ in.	mm
1/2	1	25
3/4	1 1/4	32
1	1 1/2	38
1 1/4	2	50
1 1/2	2	50

INSTRUCTIONS: Enter graph using diameter and temperature scales to obtain point on index (x) scale. Use index and pressure scales to obtain Reynolds number and discharge coefficient.

**Figure 7 Piezometer ring details.**