

**Errata Sheet Number 2 for Second Printing
 ERRATA FOR ASHRAE/IES STANDARD 90.1-1989
 Energy Efficient Design of New Buildings
 Except Low-Rise Residential Buildings
 May 8, 1991**

The following errata apply to the first and second printing of ASHRAE/IES 90.1-1989. The outside back cover marking identifying the printing is "90.1 1-90 REPRINT 7-90" for the second printing, and is blank for the first printing.

Definitions Section: Seasonal energy efficiency ratio, p.6 units should be BTU, not BTU/h.

Equation 8B-4, p.75:

Insert a minus sign (-) after the CP_3U Term to read as follows:

$CMC = \text{Cooling Delta Load Factor} = [1 - e^{-CP_1(HC-1)}] \times$

$$\left| \begin{array}{c} CP_2 + CP_3U - \frac{CP_4}{1 + (CP_5 + CP_6U)e^{-(CP_7 + CP_8U^2)(HC-1)}} \end{array} \right|$$

$$\times \left[\frac{1.0}{0.7} \right]$$

Figure 8B-4, p.81:

New figure attached. The curve should intersect the $U = 1.0$ line at $HDD65 = 196$. It currently intersects at around $HDD65 = 500$.

Table 13-6b p. 108, Remarks -

System #4

From: Minimum VAV setting per 9.5.2 Exception: Supply...

To: Minimum VAV setting per 9.5.2, exception (a). Supply...

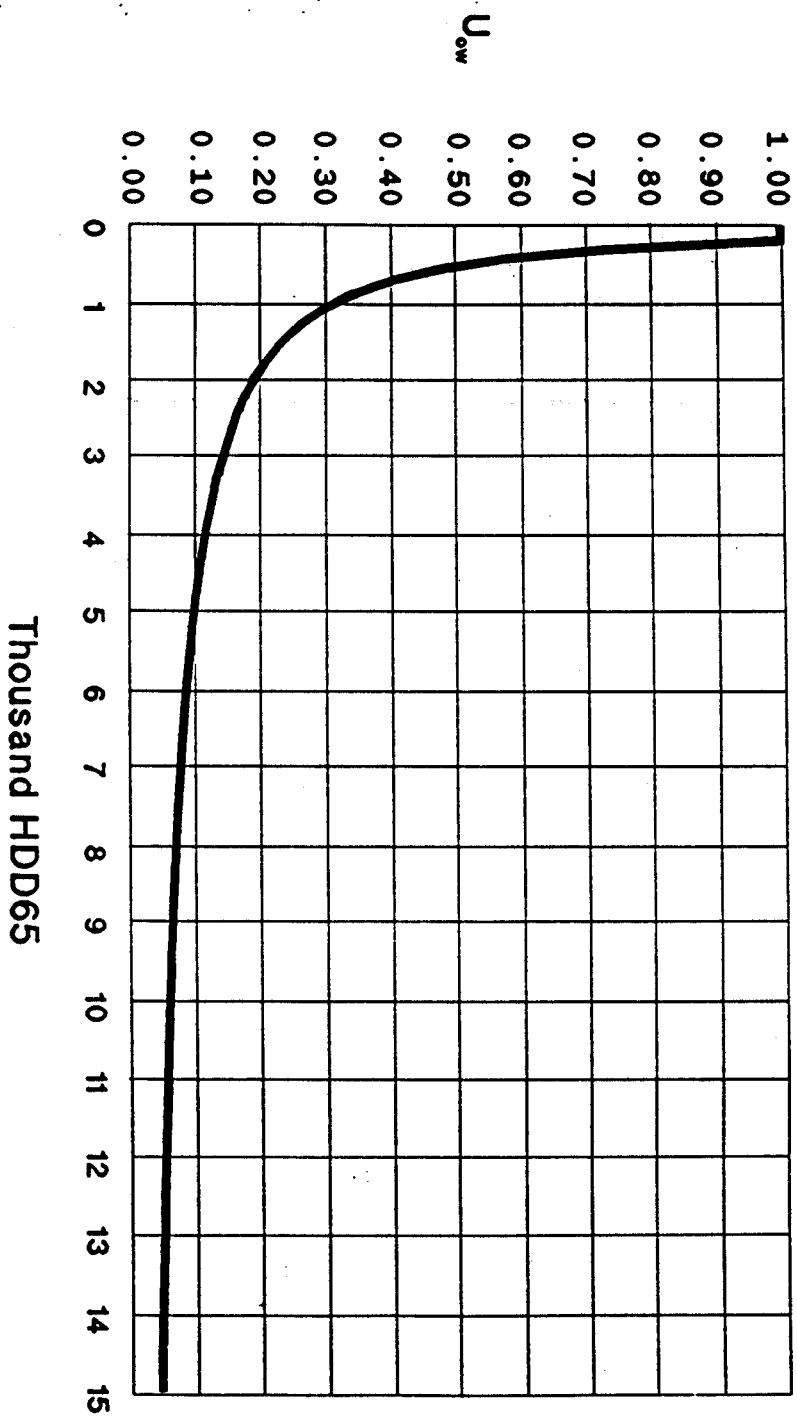
Table 13-6d p. 109, Remarks -

System #5

From: Minimum VAV setting per 9.5.2 Exception: Supply...

To: Minimum VAV setting per 9.5.2, exception (a). Supply...

Overall Thermal Transmittance of Opaque Wall Sections



Note: for HDD65 < 196, $U_{ow} = 1.0$
for $196 \leq \text{HDD65} \leq 15000$, $U_{ow} = 42.787 \times \text{HDD65}^{-0.712}$