ERRATA SHEET FOR
ASHRAE STANDARD 25-1990

August 5, 1996

Introduction

The correction listed in this errata sheet applies to copies of ASHRAE Standard 25-1990 whose outside back covers are either blank or are marked “9/90/GG.”

Errata

On page 10, change Equation 10-2 to read:
\[ q_{tr} = w_v(1 - w_o)(H_2 - H_1) - 0.44w_o(T_1 - T_2), \text{ Btu/h} \]

On page 12, change Equation A-1 to read:
\[ R = q_{t} \left( \frac{TD_f - t_{tf}}{TD_i - t_{tf}} \right) \]

Comments

In Eq. 10-2, the factor (1 - w_o) must be included to account for the ratio of oil to refrigerant in the mass flow rate of volatile refrigerant. See definitions at the end of subclause 3.2.

In Eq. A-1, the symbol t_o should be \( t_{tf} \) as defined in subclause 3.2 and Equation A-2.