ERRATA SHEET FOR ANSI/ASHRAE STANDARD 41.2-2022
Standard Methods for Air Velocity and Airflow Measurement

May 17, 2024

The corrections listed in this errata sheet apply to ANSI/ASHRAE Standard 41.2-2022. The first printing is identified on the outside back cover as “Product code: 86100 2/22”. Shaded items have been added since the previously published errata sheet dated May 1, 2023 was distributed.

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| 35      | 9.3.6.4.2 Reynolds Number for Single- and Multiple-Nozzle Chambers. The Reynolds number $Re_d$ for each nozzle in use shall be obtained from Equation 9-28. $Re_d = \frac{\rho_1 V d}{\mu_1}$, dimensionless (9-28) where  

$\rho_1 =$ nozzle inlet air density, kg/m$^3$ (lbm/ft$^3$)  
$V =$ nozzle throat average air velocity, m/s (ft/s)  
$V =$ nozzle throat average air velocity $\frac{m}{\rho_1 A}$, m/s (ft/s)  
$d =$ nozzle throat diameter, m (ft)  
$\mu_1 =$ nozzle inlet dynamic viscosity, kg/(m-s) (lbm/(ft-s)) |

(Informative Note: Calculate the dynamic viscosity using Equation 9-16 in SI units or Equation 9-17 in IP units.)