

Addendum a-2001
to
ASHRAE 51-1999 / AMCA 210-99

Approved by American National Standards Institute 21 August 2001

In revising the 1985 edition, one revision produced Note 4 of Figure 4A. The intended result of the revision was to specify a dimensional measurement location that would be suitable for checking by a state-of-the-art measurement device. The unintended effect of this revision was the tightening of the tolerance on that dimension beyond that which is possible to achieve by existing and customary commercial fabrication processes. This went unnoticed during the review process. To rectify this oversight, it is necessary to revert to the requirement as given in the 1985 edition:

“4. The nozzle throat shall be measured (to an accuracy of $0.001D$) at the minor axis of the ellipse and the nozzle exit. At each place, four diameters — approximately 45° apart must be within $\pm 0.002D$ of the mean. At the entrance to the throat the mean may be $0.002D$ greater, but no less than, the mean at the nozzle exit.”