

NSF Standard(s) Impacted: NSF/ANSI std. 49

Background:

Provide a brief background statement indicating the cause and nature of concern, the impacts identified relevant to public health, public understanding, etc, and any other reason why the issue should be considered by the Committee. Reference as appropriate any specific section(s) of the standard(s) that are related to the issue.

The required clearance of 42 inches for use of a DIM might be more than is actually required. If a small skirt made specifically for measuring BSC inflow volumetric airflow is used, less than 42 inches would still allow for accurate measurement. See the paper published in CETA Performance Review.

Section N-5.3.3.2

If the DIM method cannot be used, one of the alternative methods below may be used to determine the inflow velocity, if provided by the manufacturer.

Alternate inflow measurement methods shall only be used for any or all of the following reasons:

— the space between the face of the BSC and permanent fixture directly opposite the access opening is less than 42 in (1.1 m);

Recommendation:

Clearly state what action is needed: e.g., recommended changes to the standard(s) including the current text of the relevant section(s) indicating deletions by use of ~~strike-out~~ and additions by highlighting or underlining; e.g., reference of the issue to a Task Group for detailed consideration; etc.

Change the required clearance from 42" between the face of the BSC and permanent fixture opposite the access opening to " a minimum of 6" between the based of the DIM and a permanent fixture". See Below

If the DIM method cannot be used, one of the alternative methods below may be used to determine the inflow velocity, if provided by the manufacturer.

Alternate inflow measurement methods shall only be used for any or all of the following reasons:

— the space between the face of the BSC base of the DIM and permanent fixture directly opposite the access opening is less than 6 in (1.1 m);

Supplementary Materials (photographs, diagrams, reports, etc.):

If not provided electronically, the submitter will be responsible to have sufficient copies to distribute to committee members.

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