

ADVISORY COMMITTEE COMMENT FORM FOR PROPOSED CODE CHANGES

(This form must be submitted electronically)

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1323, CE- 57

Proposed Code Change - Language

2012 IECC Chapter 4 COMMERCIAL ENERGY EFFICIENCY

C402.4.5.2 Outdoor air intakes and exhausts

Revise as noted:

C402.4.5.2 Outdoor air intakes and exhausts

Revise Exception 2 to read as follows:

2. Nonmotorized dampers smaller than 24 inches (610 mm) in either dimension shall be permitted to have a leakage rate of 40 cfm/ft² (203.2 L/s-m²) at 1.0 inch water gauge (w.g.) (249 Pa) when tested in accordance with AMCA 500D.

Proposed Code Change – Need and Reason

It is important to note that the permitted leakage rate applies only where nonmotorized dampers are allowed. The way this exception is written, it could be interpreted to mean any damper smaller than 24 inches in either dimension, including motorized dampers, which is not the case. This revision would be consistent with ASHRAE 90.1-2010, Table 6.4.3.4.3 “Maximum Damper Leakage”, where this exception is noted for nonmotorized dampers as a footnote that appears to have been missed in the IECC.

Proposed Code Change – Cost/Benefit Analysis

The benefit of the proposed code change is that it corrects an apparent oversight.

Other Factors to Consider Related to Proposed Code Change

1. Is this proposed code change meant to:

Xchange language contained in a published code book? If so, list section(s). 2012 IECC subparagraph identified above

change language contained in an existing amendment in Minnesota Rule? If so, list Rule part(s).

delete language contained in a published code book? If so, list section(s).

delete language contained in an existing amendment in Minnesota Rule? If so, list Rule part(s).

neither; this language will be new language, not found in the code book or in Minnesota Rule.

2. Is this proposed code change required by a Minnesota Statute or new legislation? If so, please provide the citation to the Statute or legislation. No
3. Will this proposed code change impact other sections of a published code book or of an amendment in Minnesota Rule? If so, please list the affected sections or rule parts. No
4. Will this proposed code change impact other parts of the Minnesota State Building Code? If so, please list the affected parts of the Minnesota State Building Code. No
5. Who are the parties affected or segments of industry affected by this proposed code change? Any building with outdoor, relief or exhaust dampers.
6. Can you think of other means or methods to achieve the purpose of the proposed code change? If so, please explain what they are and why your proposed change is the preferred method or means to achieve the desired result. No
7. Are you aware of any federal requirement or regulation related to this proposed code change? If so, please list the regulation or requirement. No