

ADVISORY COMMITTEE COMMENT FORM FOR PROPOSED CODE CHANGES

(This form must be submitted electronically)

Author/requestor: John G. Smith, P.E.

Email address: jsmith@michaudcooley.com

Telephone number: (612) 673-6831

Firm/Association affiliation, if any: BOMA

1323, CE- 44

Proposed Code Change - Language

2012 IECC Chapter 4 COMMERCIAL ENERGY EFFICIENCY
Table C403.2.10.1(2) Fan Power Limitation Pressure Drop Adjustment

Add the following components to this Table:

Device	Adjustment
<u>Air blender</u>	<u>0.30 inch w.c.</u>
<u>Preheat coil</u>	<u>0.10 inch w.c.</u>

Proposed Code Change – Need and Reason

Reason: In our climate, there are HVAC systems that require additional components to assure adequate mixed air temperatures during very cold outdoor conditions. Air blenders help to assure uniform mixing of cold outdoor air with the return air. Preheat coils increase the mixed air temperature for systems with higher percentages of outdoor air to provide adequate temperatures and prevent freezing of downstream components. The identified pressure drop adjustments are reasonable allowances for those devices.

Proposed Code Change – Cost/Benefit Analysis

Identifies adjustments to the device allowances to accommodate what are very typical components used on our climate due to the extreme cold conditions that exist.

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?

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