



Setting the Standards for  
Home Energy Efficiency

## RESNET Standards Development New Work Item (NWI) Form

NWI: 380-16-02  
(Assigned by Standards Manager  
following review and approval)

### This request is to:

- Create a new Standard
- Revise an existing Standard
- Other (describe)

### Proponent(s):

**Name:** RESNET Standard Development Committee 300  
**Affiliation:** RESNET  
**Address:**  
**Phone:**  
**e-Mail:**

**Proposed Title:** RESNET/ICC 380-2019 Standard for Testing Airtightness of Building, Dwelling Unit and Sleeping Unit Enclosures, Airtightness of Heating and Cooling Air Distribution Systems, and Airflow of Mechanical Ventilation Systems.

**Proposed Purpose:** Update Standard ANSI/RESNET/ICC 380-2016 to incorporate Addendum A, testing requirements specific to attached dwelling units and sleeping units and other changes deemed necessary.

**Proposed Scope:** Update Standard 380 to incorporate all addenda, to add requirements specific to attached dwelling and sleeping units and to make other changes deemed essential to the update of Standard 380. The revised Scope for Standard would be:

This Standard defines procedures for measuring the airtightness of building, Dwelling Unit, and Sleeping Unit enclosures, the airtightness of heating and cooling air distribution systems, and the airflow of mechanical ventilation systems.

This Standard is applicable to all ~~single family dwelling unit~~ Dwelling Units and Sleeping Units in Residential and Commercial Buildings.

This ~~Standard provides separate~~ Standard provides separate procedures for measuring the airtightness of building enclosures ~~and the airtightness of is also applicable to dwelling unit~~ Dwelling Units and Sleeping Units in multifamily buildings.



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The procedure for measuring the airtightness of heating and cooling air distribution systems is ~~also~~-applicable to ~~dwelling-unit~~Dwelling and Sleeping Units ~~in multifamily buildings, where each dwelling unit has~~with its/their own duct system separate from other ~~dwelling-unit~~Dwelling and Sleeping Units.

The procedure for measuring the airflow of mechanical ventilation systems is ~~also~~-applicable to ~~dwelling-unit~~Dwelling and Sleeping Units ~~in multifamily buildings, where each dwelling unit has~~with its/their own ventilation system ~~separate from other dwelling units~~or with a central/shared system.

**Project Need:** Update RESNET Standard 380-2016 to incorporate major changes made by Addendum A and the proposed testing requirements for attached dwelling and sleeping units into a single document. The update will make Standard 380 editions concurrent with Standard 301 editions and result in one document rather than multiple documents for users to reference. The current and proposed changes to Standard 380-2014 are extensive and distributed throughout the document making publishing as a series of addenda unwieldy.

**Stakeholders:** Builders and designers, home energy raters, et.al.

**Attached Documents (list):**