



# ADDENDA

**ANSI/ASHRAE Addendum t to  
ANSI/ASHRAE Standard 62.2-2022**

# Ventilation and Acceptable Indoor Air Quality in Residential Buildings

Approved by ASHRAE and the American National Standards Institute on June 30, 2025.

This addendum was approved by a Standing Standard Project Committee (SSPC) for which the Standards Committee has established a documented program for regular publication of addenda or revisions, including procedures for timely, documented, consensus action on requests for change to any part of the standard. Instructions for how to submit a change can be found on the ASHRAE® website ([www.ashrae.org/continuous-maintenance](http://www.ashrae.org/continuous-maintenance)).

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**Cognizant TC: 4.3, Ventilation Requirements and Infiltration**

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## FOREWORD

Addendum t provides a second option for prescriptive duct sizing: use of a nominal installed airflow (NIA) rating and confirmation that the duct system complies with the nominal duct system assumed for an NIA rating.

**Informative Note:** In this addendum, changes to the current standard are indicated in the text by underlining (for additions) and ~~striking through~~ (for deletions) unless the instructions specifically mention some other means of indicating the changes.

## Addendum t to Standard 62.2-2022

*Modify Section 3.1 as shown. The remainder of Section 3.1 is unchanged.*

### 3. DEFINITIONS

#### 3.1 Terms

**nominal installed airflow (NIA):** an airflow rating determined in accordance with HVI 920, or equivalent, from the working point, which is the intersection of a test report airflow curve and the nominal duct system curve at the same duct dimension.

*Revise Section 5.4 as shown.*

**5.4 Airflow Measurement.** The airflow required by this section is the quantity of indoor air exhausted by the ~~ventilation-exhaust~~ system as installed and ~~shall be measured according to the ventilation equipment exhaust system~~ manufacturer instructions; or by using integrated diagnostic equipment, a flow hood, flow grid, or other airflow measuring device at the ~~mechanical ventilation-exhaust~~ system's terminals/grilles or in the connected ~~ventilation~~ ducts.

#### Exceptions to 5.4:

1. Manufacturer design criteria or the prescriptive requirements of Table 5-3 shall be permitted in place of a measurement. ~~Whenre~~ using Table 5-3, the airflow rating according to Section 7.1 shall ~~meet or exceed~~ be at a static pressure ~~of not less than~~ 0.25 in. of water (62.5 Pa). Use of Table 5-3 is limited to duct systems not ~~exceeding more than~~ 25 ft (8.76 m) in length, ~~duct systems with the pressure drop of all bends not exceeding that associated with no more than three (3) 90° elbows, and duct systems with an exterior termination fittings having an equivalent diameter greater than or equal to not less than the minimum duct and fan outlet equivalent diameters and not less than the equivalent diameter of the fan outlet.~~
2. A nominal installed airflow (NIA) rating shall be permitted in place of a measurement for duct systems complying with all of the following:
  - a. The duct length is not more than 10 ft (3.0 m).
  - b. The pressure drop of all bends does not exceed that associated with two 90° elbows.
  - c. The equivalent diameter of the duct and of the exterior termination fitting's inlet are not less than the equivalent diameter of the NIA rating.

*Revise Section 10 as shown. The remainder of Section 10 is unchanged.*

### 10. REFERENCES

#### Sections

[...]

Home Ventilating Institute (HVI)  
1740 Dell Range Blvd., Ste. H, PMB 450  
Cheyenne, WY 82009  
(855) 484-8368; [www.hvi.org](http://www.hvi.org)

HVI Publication 920 (2020/2024)

Product Performance Certification and Surveillance Procedure ~~Including Verification and Challenge~~

3.1, 7.1

[...]

## **POLICY STATEMENT DEFINING ASHRAE'S CONCERN FOR THE ENVIRONMENTAL IMPACT OF ITS ACTIVITIES**

ASHRAE is concerned with the impact of its members' activities on both the indoor and outdoor environment. ASHRAE's members will strive to minimize any possible deleterious effect on the indoor and outdoor environment of the systems and components in their responsibility while maximizing the beneficial effects these systems provide, consistent with accepted Standards and the practical state of the art.

ASHRAE's short-range goal is to ensure that the systems and components within its scope do not impact the indoor and outdoor environment to a greater extent than specified by the Standards and Guidelines as established by itself and other responsible bodies.

As an ongoing goal, ASHRAE will, through its Standards Committee and extensive Technical Committee structure, continue to generate up-to-date Standards and Guidelines where appropriate and adopt, recommend, and promote those new and revised Standards developed by other responsible organizations.

Through its *Handbook*, appropriate chapters will contain up-to-date Standards and design considerations as the material is systematically revised.

ASHRAE will take the lead with respect to dissemination of environmental information of its primary interest and will seek out and disseminate information from other responsible organizations that is pertinent, as guides to updating Standards and Guidelines.

The effects of the design and selection of equipment and systems will be considered within the scope of the system's intended use and expected misuse. The disposal of hazardous materials, if any, will also be considered.

ASHRAE's primary concern for environmental impact will be at the site where equipment within ASHRAE's scope operates. However, energy source selection and the possible environmental impact due to the energy source and energy transportation will be considered where possible. Recommendations concerning energy source selection should be made by its members.

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