

ANSI/ASHRAE Addendum 62u
Addendum to ANSI/ASHRAE Standard 62-2001



ASHRAE[®] STANDARD

Addenda to

Ventilation for Acceptable Indoor Air Quality

Approved by the ASHRAE Standards Committee January 12, 2002; by the ASHRAE Board of Directors January 12, 2002; and by the American National Standards Institute April 24, 2002.

This standard is under continuous maintenance 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. The change submittal form, instructions, and deadlines are given at the back of this document and may be obtained in electronic form from ASHRAE's Internet Home Page, <http://www.ashrae.org>, or in paper form from the Manager of Standards. The latest edition of an ASHRAE Standard and printed copies of a public review draft may be purchased from ASHRAE Customer Service, 1791 Tullie Circle, NE, Atlanta, GA 30329-2305. E-mail: orders@ashrae.org. Fax: 404-321-5478. Telephone: 404-636-8400 (worldwide), or toll free 1-800-527-4723 (for orders in U.S. and Canada).

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**AMERICAN SOCIETY OF HEATING,
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Cognizant TC: TC 4.3, Ventilation Requirements and Infiltration
(Addendum *u*)

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ASHRAE obtains consensus through participation of its national and international members, associated societies, and public review.

ASHRAE Standards are prepared by a Project Committee appointed specifically for the purpose of writing the Standard. The Project Committee Chair and Vice-Chair must be members of ASHRAE; while other committee members may or may not be ASHRAE members, all must be technically qualified in the subject area of the Standard. Every effort is made to balance the concerned interests on all Project Committees.

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- b. participation in the next review of the Standard,
- c. offering constructive criticism for improving the Standard,
- d. permission to reprint portions of the Standard.

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(This foreword is not part of this standard but is included for information only.)

FOREWORD

Addendum 62u. *This addendum adds requirements related to the control of ventilation systems. An improperly controlled system is unlikely to deliver ventilation air at design minimum levels. This addendum does not cover optional demand-controlled ventilation requirements. It specifically addresses VAV system controls for outdoor air intake airflow. The intake control requirements recognize that at low supply volumes sufficient outdoor airflow may not be maintained if a fixed outdoor air intake damper position is used. In many cases, an active outdoor air control*

system must be provided to ensure minimum intake rates are maintained.

Addendum 62u

Add a new Section 5.3 as follows:

0.3 Ventilation System Controls. Mechanical ventilation systems shall ~~include either manual or automatic~~ include controls, ~~manual or automatic,~~ that enable the fan system to operate whenever the spaces served are occupied. The system shall be designed to maintain the ~~hourly average supply airflow and the hourly average~~ minimum outdoor airflow as required by Section 6 under any load condition. **Note:** VAV systems with fixed outdoor air damper positions ~~may not meet~~ must comply with this requirement at minimum supply airflow.

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.