



ADDENDA

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

Ventilation and Acceptable Indoor Air Quality in Residential Buildings

Approved by the ASHRAE Standards Committee on September 23, 2022; by the ASHRAE Board of Directors on October 14, 2022; and by the American National Standards Institute on November 8, 2022.

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ASHRAE Standing Standard Project Committee 62.2

Cognizant TC: 4.3, Ventilation Requirements and Infiltration

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FOREWORD

Addendum m increases the designated minimum efficiency of certain filters from MERV 6 to MERV 11, with comparable increases to minimum particle size efficiencies established using AHRI Standard 680. This change improves indoor air quality by reducing the concentration of particulate matter, specifically by establishing a minimum performance to address particulates with a diameter of 0–2.5 μm .

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 m to Standard 62.2-2022

Revise Section 6.7 s shown.

6.7 Minimum Filtration. Mechanical systems that supply air to the dwelling unit through ductwork exceeding 10 ft (3 m) in length and through a thermal conditioning component, except evaporative coolers, shall be provided with a filter having a designated minimum efficiency of MERV ~~6–11~~ or better when tested in accordance with ANSI/ASHRAE Standard 52.2, or a minimum particle size efficiency of 20% in the 0.3 to 1.0 μm range, 65% in the 1.0 to 3.0 μm range, and 50–85% in the 3.0 to 10 μm range in accordance with AHRI Standard 680. The system shall be designed such that all recirculated and mechanically supplied outdoor air is filtered before passing through the thermal conditioning components. The filter shall be located and installed in such a manner as to facilitate access and regular service by the owner.

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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As an industry leader in research, standards writing, publishing, certification, and continuing education, ASHRAE and its members are dedicated to promoting a healthy and sustainable built environment for all, through strategic partnerships with organizations in the HVAC&R community and across related industries.

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