



ADDENDA

**ANSI/ASHRAE Addendum m to
ANSI/ASHRAE Standard 62.1-2016**

Ventilation for Acceptable Indoor Air Quality

Approved by the ASHRAE Standards Committee on January 12, 2019; by the ASHRAE Board of Directors on January 16, 2019; and by the American National Standards Institute on February 13, 2019.

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FOREWORD

The current standard contains requirements for filtration of particles from outdoor air under certain conditions. It also requires filtration upstream of wetted surfaces. Addendum m adds ISO ratings as an option to the existing MERV requirements and makes some modifications for consistency.

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 62.1-2016

Modify Section 5.8 as shown.

5.8 Particulate Matter Removal. Particulate matter filters or air cleaners having either

- a. a minimum efficiency reporting value (MERV) of not less than 8 ~~where when~~ rated in accordance with ANSI/ASHRAE Standard 52.2¹² or
- b. the minimum efficiency within ISO ePM10 where rated in accordance with ISO 16890^X

shall be provided upstream of all cooling coils or other devices with wetted surfaces through which air is supplied to an occupiable space.

Modify Sections 6.2.1.1 and 6.2.1.2 as shown.

6.2.1.1 Particulate Matter Smaller than 10 Micrometers (PM10). In buildings located in an area where the

national standard or guideline for PM10¹ is exceeded, particle filters or air-cleaning devices shall be provided to clean the outdoor air at any location prior to its introduction to occupied spaces. Particulate matter filters or air cleaners shall have either

- a. ~~an a minimum~~ efficiency reporting value (MERV) of not less than ~~6–8~~ where rated in accordance with ASHRAE Standard 52.2¹² or
- b. the minimum efficiency within ISO ePM10 where rated in accordance with ISO 16890^X.

Informative Note: See Informative Appendix F for resources regarding selected PM10 national standards and guidelines.

6.2.1.2 Particulate Matter Smaller than 2.5 Micrometers (PM2.5). In buildings located in an area where the national standard or guideline for PM2.5¹ is exceeded, particle filters or air-cleaning devices shall be provided to clean the outdoor air at any location prior to its introduction to occupied spaces. Particulate matter filters or air cleaners shall have either

- a. ~~an a minimum~~ efficiency reporting value (MERV) of not less than 11 where rated in accordance with ASHRAE Standard 52.2¹² or
- b. the minimum efficiency within ISO ePM2.5 where rated in accordance with ISO 16890^X.

Informative Note: See Informative Appendix F for resources regarding selected PM2.5 national standards and guidelines.

Add new reference to Section 9 as shown. The remainder of Section 9 is unchanged.

9. REFERENCES

- X. ISO. 2016. ISO 16890, Air Filters for General Ventilation. Geneva, Switzerland: International Organization for Standardization.

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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