ANSI/ASHRAE Addendum f to
ANSI/ASHRAE Standard 62.1-2013

Ventilation for
Acceptable
Indoor Air Quality

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FOREWORD

In preparation for publication of Standard 62.1-2016, this addendum updates the normative references included in the standard. This process includes reviewing the references to ensure that their content has not been changed such that they should no longer be referenced and that they are written in normative language. References that are not in normative language are being moved to a new Informative Bibliography. In some cases, the language of the standard where these documents are referenced needs to be modified. In particular, changes to the notes to Table 5.5.1 are made to avoid referencing non-normative documents and to improve the normative language used.

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

Addendum f to Standard 62.1-2013

Modify the notes to Table 5.5.1, “Air Intake Minimum Separation Distance,” as shown. The remainder of Table 5.5.1 is unchanged.

Note 1: This requirement applies to the distance from the outdoor air intakes for one ventilation system to the exhaust outlets and relief outlets for any other ventilation system.

Note 2: Minimum distance listed does not apply to laboratory fume hood exhaust air outlets. Separation criteria for fume hood exhaust shall be in compliance with NFPA45 and ANSI/ASHRAE/ASME/ANSI/AIHA Z9.5. Informative Appendix XX contains sources of additional information on separation criteria for industrial environments that can be found in the. These include the ACGIH Industrial Ventilation Manual, the ASHRAE Handbook—HVAC Applications, ASHRAE Laboratory Design Guide, and NSF/ANSI 49.

Note 3: Shorter separation distances shall be permitted when determined in accordance with (a) The minimum distances relative to fuel-fired appliances shall be as required by ANSI Z223.1/NFPA-54 for fuel gas burning appliances and equipment, (b) NFPA 31 for oil burning appliances and equipment, and (c) NFPA 211 for other combustion appliances and equipment.

Note 4: Distance measured to closest place that vehicle exhaust is likely to be located.

Note 5: Shorter The minimum separation distance shall not apply where outdoor surfaces below the air intake are sloped more than 45 degrees from horizontal or where such surfaces that are less than 1 in. (30 mm) in width.

Note 6: Where snow accumulation is expected, the surface of the snow at the expected average snow depth shall be considered to be a constitutes the “other surface directly below an intake.”

Modify the note in Section 5.5.2 as shown. The remainder of Section 5.5.2 is unchanged.

Informative Note: This performance corresponds to Class A (99% effectiveness) when rated according to AMCA 511 and tested per AMCA 500-L.

Modify Informative Appendix F, Section F1.1, as follows.

F1.1 Application. Exhaust outlets and outdoor air intakes or other openings shall be separated in accordance with the following.

Exception: Laboratory fume hood exhaust air outlets shall be in compliance with NFPA 45 and ANSI/AIHA Z9.5.

Modify Section 9, “References,” as shown. Renumber the references here and in the body of the standard as appropriate.

9. REFERENCES


INFORMATIVE APPENDIX XX

INFORMATIVE BIBLIOGRAPHY


XX3 2013 ASHRAE Laboratory Design Guide. ASHRAE, Atlanta, GA.


(This appendix is not part of this standard. It is merely informative and does not contain requirements necessary for conformance to the standard. It has not been processed according to the ANSI requirements for a standard and may contain material that has not been subject to public review or a consensus process. Unresolved objections on informative material are not offered the right to appeal at ASHRAE or ANSI.)
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.

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