



**BSR/ASHRAE Addendum f
to ANSI/ASHRAE Standard 62.1-2025**

Public Review Draft

Proposed Addendum f to Standard 62.1-2025, Ventilation for Acceptable Indoor Air Quality

**First Public Review (August 2026)
(Draft shows Proposed Changes to Current Standard)**

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FOREWORD

This addendum is primarily intended to clean up how labs and similar occupancies are addressed. They are mostly exempted but the exceptions are scattered about and in some cases are in incorrect locations. For instance, addendum z to the 62.1-2022 added references to Table 6-2 to Sections 6.2.1.1.5 and 6.2.1.1.6 but those sections address outdoor air ventilation while Table 6-2 relates to exhaust ventilation under Section 6.5.

Exceptions for labs meeting Z9.5 and animal facilities are moved to Section 6.1 so that they are exempt from all requirements of Section 6, including both outdoor air and exhaust air sections.

Reference to Table 6-3 is deleted in Section 6.5.1 since it does not address exhaust ventilation requirements, only Class of Air which is addressed in Section 5.13.1

Exception 1 to Section 6.5.1 for labs and Section 6.5.1.2.4 are deleted since labs are now exempted by the exception to Section 6.1.

Exception 2 to Section 6.5.1 is modified to reference building code definition of naturally ventilated garages since the current wording of this exception does not meet the more detailed requirements for naturally ventilated garages in the International Building Code and other model codes.

Exception 3 to Section 6.5.1 is deleted since it is covered already in Section 5.13.2.1 and Section 6.5 does not address recirculated air anyway, just exhaust air.

Section 6.5.1.3 is deleted because Table 6-3 already stipulates that hood exhaust is Class 4 air and any exhaust air can be redesignated when approved by the AHJ in Section 5.13.1.

Sections 6.5.1.2.3 is elevated to 6.5.1.3 since not all kitchens include combustion equipment.

Informative notes now listed under section 6.5.1.4 are relocated to 6.5.1 as requirements since they are more than informative; they establish requirements that need to be in the body of the standard.

[Note to Reviewers: This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~striketrough~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the current standard are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.]

Addendum f to 62.1-2025

Add exceptions to Section 6.1:

6.1 General...

Exceptions to Section 6.1:

1. Laboratory spaces that comply with all requirements of ANSI/ASSP Z9.5 or determined otherwise by the Environmental Health and Safety (EHS) professional responsible to the owner.
2. Animal facilities that have completed a risk evaluation performed by the EHS professional responsible to the owner or to the owner's designee

Delete Sections 6.2.1.1.5 and 6.2.1.1.6:

~~6.2.1.1.5 Laboratories. Laboratory spaces that comply with all requirements of ANSI/ASSP Z9.5 are not required to comply with the rates in Table 6-1 and Table 6-2.~~

~~6.2.1.1.6 Animal Facilities. Animal facilities that have completed a risk evaluation performed by the EHS professional responsible to the owner or to the owner's designee are not required to comply with the rates in Table 6-1 and Table 6-2.~~

Make the following changes to Section 6.5:

6,5 Exhaust Ventilation. The Prescriptive Compliance Path in Section 6.5.1 or the Performance Compliance Path in Section 6.5.2 shall be used to meet the requirements of this section. Exhaust makeup air shall be permitted to be any combination of outdoor air, recirculated air, or transfer air.

6.5.1 Prescriptive Compliance Path. The design exhaust airflow shall be determined in accordance with the requirements in Tables 6-2 and 6-3. Exhaust systems are required for any occupancy category listed in Table 6-2. Exhaust equipment shall be operated when the space is in use.

Exceptions to 6.5.1:

1. ~~Laboratory spaces that comply with all requirements of ANSI/ASSP Z9.5 or determined otherwise by the Environmental Health and Safety professional responsible to the owner.~~
2. ~~Parking garages where two or more sides comprise walls that are at least 50% open to the outside considered to be naturally ventilated by the applicable building code or as approved by the AHJ.~~
3. ~~Exhaust air from toilets that has been cleaned to meet Class 1 criteria per Section 5.18.1 shall be permitted to be recirculated.~~

6.5.1.1 Source Strengths. The minimum exhaust rates in Table 6-2 are based on contaminant sources and source strengths that are typical for the listed occupancy categories. Where unusual sources are expected within a listed occupancy category, the additional exhaust required shall be calculated using Section 6.5.2, “Performance Compliance Path.”

6.5.1.2 Combustion Equipment. For specific occupancy categories, the exhaust requirements in Sections 6.5.1.2.1 through 6.5.1.2.24 shall apply whenever combustion equipment is operated. For other occupancy categories where combustion equipment is operated, the exhaust requirements in Section 6.5.2 shall apply.

6.5.1.2.1 Auto Repair Rooms. Stands where engines are run in auto repair rooms shall have exhaust systems that directly connect to the engine exhaust and prevent escape of fumes.

6.5.1.2.2 Parking Garages. Systems in parking garages shall be designed to operate continuously whenever the garage is in use.

Exception to 6.5.1.2.2: Intermittent operation shall be allowed provided the system is designed in accordance with the procedure in Section 6.5.2.

~~6.5.1.2.3~~ **6.5.1.3 Kitchens.** Kitchen exhaust shall comply with requirements of ASHRAE Standard 154.

~~6.5.1.2.4 Laboratories.~~ Laboratory spaces with combustion equipment shall comply with all requirements of ANSI Z9.5 or with the requirements provided by the Environmental Health and Safety professional responsible to the owner.

~~6.5.1.2.5 Laboratory Hoods.~~ Exhaust from laboratory hoods shall be Air Class 4 unless determined otherwise by the EHS professional responsible to the owner or to the owner’s designee.

6.5.1.4 Pressure Requirements. While the required exhaust systems are operating, the exhaust airflow of zones listed in Table 6-2 shall be larger than their respective supply airflow. If zones listed in Table 6-2 are adjacent, the difference between the exhaust and the supply airflow shall be larger for the zone with the higher number class of air.

Exception to 6.5.1.4: Where airflow offset requirements are established by the EHS professional responsible to the owner or owner’s designee.

Informative Notes:

~~1.—Exhaust systems are required for any occupancy category listed in Table 6-2.~~

~~2.—Where intermittent operation is allowed in Table 6-2, exhaust equipment is intended to be operated when the space is in use.~~