



**BSR/ASHRAE Addendum p
to ANSI/ASHRAE Standard 62.2-2022**

Public Review Draft

Proposed Addendum p to Standard 62.2-2022, Ventilation and Acceptable Indoor Air Quality in Residential Buildings

**First Public Review (August 2024)
(Draft shows Proposed Changes to Current Standard)**

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FOREWORD

This proposed addendum would remove the definition of ventilation air. It would also change the requirement for ventilation rate in Section 4.1 to remove the requirement that the system deliver outdoor air, and instead state that the system shall provide air for ventilation, which is defined as the process for supplying outdoor air or removing indoor air from the dwelling unit. Finally, it would change Tables 4-1a and 4-1b to reference ventilation rate requirements instead of ventilation air requirements. The purpose of the proposed change is to acknowledge that the standard permits exhaust-only systems for dwelling unit ventilation in detached units.

[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 p to 62.2-2022

Revise Section 3 as shown below. The remainder of Section 3 is unchanged.

3. DEFINITIONS

3.1 Terms

~~**air, ventilation:** outdoor air delivered to the dwelling unit that is intended to dilute airborne contaminants.~~

ventilation: process of supplying outdoor air to or removing indoor air from a dwelling unit by natural or mechanical means. Such air may or may not have been conditioned.

Revise Section 4.1 as shown below. The remainder of Section 4 is unchanged.

4. DWELLING-UNIT VENTILATION

4.1 Ventilation Rate. A mechanical exhaust system, supply system, or combination thereof shall be designed and ~~provided installed~~ with the capacity to ~~deliver outdoor air~~ provide air for ventilation to ~~of the whole~~ dwelling unit at a continuous rate not less than that specified in Sections 4.1.1 through 4.1.4.

Revise the titles of Tables 4-1a (I-P) and 4-1b (SI) as shown below. The remainder of tables are unchanged.

Table 4-1a (I-P) Ventilation Air ~~Rate~~ Requirements, cfm

Floor Area, ft ²	Bedrooms				
	1	2	3	4	5
<500	30	38	45	53	60

501 to 1000	45	53	60	68	75
1001 to 1500	60	68	75	83	90
1501 to 2000	75	83	90	98	105
2001 to 2500	90	98	105	113	120
2501 to 3000	105	113	120	128	135
3001 to 3500	120	128	135	143	150
3501 to 4000	135	143	150	158	165
4001 to 4500	150	158	165	173	180
4501 to 5000	165	173	180	188	195

Table 4-1b (SI) Ventilation Air Rate Requirements, L/s

Floor Area, m ²	Bedrooms				
	1	2	3	4	5
<47	14	18	21	25	28
47 to 93	21	24	28	31	35
94 to 139	28	31	35	38	42
140 to 186	35	38	42	45	49
187 to 232	42	45	49	52	56
233 to 279	49	52	56	59	63
280 to 325	56	59	63	66	70
326 to 372	63	66	70	73	77
373 to 418	70	73	77	80	84
419 to 465	77	80	84	87	91