



ADDENDA

**ANSI/ASHRAE Addendum b to
ANSI/ASHRAE Standard 62.1-2022**

Ventilation and Acceptable Indoor Air Quality

Approved by ASHRAE and the American National Standards Institute on October 31, 2023.

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Cognizant TC: 4.3, Ventilation Requirements and Infiltration

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FOREWORD

In Table 6-1, a general break room is listed as having an area outdoor air rate of 0.06 cfm/ft² (0.3 L/s·m²) and an occupant density of 25 #/1000 ft² (#100 m²). An office building breakroom has an area outdoor air rate of 0.12 cfm/ft² (0.6 L/s·m²) and an occupant density of 50 #/1000 ft² (#100 m²). The rate rationales for both types of break rooms are identical in Informative Appendix J, and the area outdoor rate is listed as 0.06 cfm/ft² (0.3 L/s·m²) for both break rooms in that appendix. Addendum b corrects the discrepancy by deleting the office building break room from Table 6-1, “Minimum Ventilation Rates in Breathing Zone.” It also revises Tables G-1, J-1, and M-1 for consistency.

Informative 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 b to Standard 62.1-2022

Modify Table 6-1 as shown. The remainder of Table 6-1 is unchanged.

Table 6-1 Minimum Ventilation Rates in Breathing Zone

Occupancy Category	People Outdoor Air Rate R_p		Area Outdoor Air Rate R_a		Default Values		
	cfm/person	L/s·person	cfm/ft ²	L/s·m ²	Occupant Density		
					#/1000 ft ² or #/100 m ²	Air Class	OS (6.2.6.1.4)
[...]							
Office Buildings							
Breakrooms	5	2.5	0.12	0.6	50	4	
[...]							

Modify Table G-1 as shown.

Table G-1 Minimum Outdoor and Primary Airflow Rates

Occupancy Category	Zone Minimum Airflow			
	Outdoor Airflow Rate R_s		Minimum Primary Airflow Rate, R_{pz}	
	cfm/ft ²	L/s·m ²	cfm/ft ²	L/s·m ²
[...]				
General				
<u>Break rooms</u>	<u>0.43</u>	<u>2.4</u>	<u>0.74</u>	<u>4.13</u>
Conference/meeting	0.44	2.20	0.76	3.80
Corridors	0.11	0.55	0.19	0.95
Office Buildings				
Breakrooms	0.65	3.25	1.12	5.60
Main entry lobbies	0.19	0.95	0.33	1.65
[...]	0.30	1.50	0.52	2.60

Modify Table J-1 as shown. The remainder of Table J-1 is unchanged.

Table J-1 Rate Rationale (see Table 6-1)

Occupancy Category	Description/Rationale	People Outdoor Air Rate, cfm/person	People Outdoor Air Rate, L/s/person	Area Outdoor Air Rate, cfm/ft ²	Area Outdoor Air Rate, L/s·m ²	Air Class
[...]						
Food and Beverage Service, General						
[...]						
Office Buildings						
Breakrooms	Occupant activity is primarily sedentary (seated). There are limited space-related contaminants.	5	2.5	0.06	0.3	+
[...]						

Modify Table M-1 as shown below. The remainder of Table M-1 is unchanged.

Table M-1 Check Table for the Ventilation Rate Procedure (VRP)

Occupancy Category	Combined Outdoor Air Rate (R_c)	
	cfm/ft ²	L/s· m ²
[...]		
Food and Beverage Service, General		
Break rooms	0.25	1.23
Coffee stations	0.21	1.07
Conference/meeting	0.41	2.07
Corridors	0.08	0.40
Occupiable storage rooms for liquids or gels	0.17	0.87
[...]		
Office Buildings		
Breakrooms	0.49	2.47
[...]		

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