



ADDENDA

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

Ventilation for Acceptable Indoor Air Quality

Approved by the ASHRAE Standards Committee on June 26, 2019; by the ASHRAE Board of Directors on August 1, 2019; and by the American National Standards Institute on August 26, 2019.

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FOREWORD

The 2018 Facility Guidelines Institute (FGI) Guidelines for Design and Construction of Outpatient Facilities require certain outpatient spaces to meet local ventilation codes and not ASHRAE/ASHE Standard 170. Neither of the two mechanical model codes (IMC and UMC) has ventilation rates for these spaces. The IMC and UMC use ASHRAE Standard 62.1 as a basis for their ventilation table.

This addendum adds ventilation rates for those spaces in order to bridge the gap with ASHRAE/ASHE Standard 170. It was developed in consultation with FGI in order to understand the activity in each space.

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

Addendum af to Standard 62.1-2016

Modify Section 3 as shown. The remainder of Section 3 is unchanged.

imaging room, Class 1: imaging rooms that meet the criterion of Class 1 as per the Facility Guidelines Institute (FGI) Guidelines for Design and Construction of Outpatient Facilities, Table 2.1-5.6.2.5.1.3

Add new occupancy categories to Table 6.2.2.1 as shown. The remainder of Table 6.2.2.1 is unchanged. Note that the Combined Outdoor Air Rate column in the current standard is not shown.

Table 6.2.2.1 Minimum Ventilation Rates in Breathing Zone
(Table 6.2.2.1 shall be used in conjunction with the accompanying notes.)

Occupancy Category	People Outdoor Air Rate R_p		Area Outdoor Air Rate R_a		Notes	Default Values		
	cfm/person	L/s·person	cfm/ft ²	L/s·m ²		Occupant Density	Air Class	OS
						#/1000 ft ² or #/100 m ²		
[...]								
Outpatient health care facilities ^{a,b}								
General examination room	7.5	3.8	0.12	0.6		20	1	
Psychiatric examination room	5	2.5	0.06	0.3		20	1	
Psychiatric consultation room	5	2.5	0.06	0.3		20	1	
Psychiatric group room	5	2.5	0.06	0.3		50	1	
Psychiatric seclusion room	10	5	0.06	0.3		5	1	
Birthing room	10	5	0.18	0.9		15	2	
Urgent care examination room	7.5	3.8	0.12	0.6		20	1	
Urgent care treatment room	7.5	3.8	0.18	0.9		20	1	
Urgent care triage room	10	5	0.18	0.9		20	1	
Urgent care observation room	5	2.5	0.06	0.3		20	1	
Physical therapy individual room	10	5	0.06	0.3		20	1	
Physical therapy exercise area	20	10	0.18	0.9		7	2	
Physical therapeutic pool area	=	=	0.48	2.4		=	2	
Speech therapy room	5	2.5	0.06	0.3		20	1	
Prosthetics and orthotics room	10	5	0.18	0.9		20	1	
Dental operator	10	5	0.18	0.9		20	1	
Other dental treatment areas	5	2.5	0.06	0.3		5	1	
Class 1 imaging rooms	5	2.5	0.12	0.6		5	1	
[...]								

a. Outpatient facilities to which the rates apply are Freestanding Birth Centers, Urgent Care Centers, Neighborhood Clinics and Physicians Offices, Class 1 Imaging Facilities, Outpatient Psychiatric Facilities, Outpatient Rehabilitation Facilities and Outpatient Dental Facilities

b. The requirements of this table provide for Acceptable Indoor air quality. The requirements of this Table do not address the airborne transmission of airborne viruses, bacteria and other infectious contagions.

Informative Note: These rates are intended only for outpatient dental clinics where the amount of nitrous oxide is limited. They are not intended for dental operatories in institutional buildings where Nitrous Oxide is piped.

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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.

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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.

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