

REQUIRED ELEMENTS FOR PRIMARY CARE FACILITIES					
Guidelines for Design and Construction of Hospitals and Outpatient Facilities (FGI 2014)					
ANSI/ASHRAE/ASHE Standard 170-2013, Ventilation of Health Care Facilities (ASHRAE)					
Code Reference Category					
Phase		Code Section	Component/Requirements	Complies	Comments
Schematic	Design Development				
3.2-3, 3.1-3 Diagnostic and Treatment Areas					
3.2-3.2 Examination Rooms					
•	•	3.1-3.2.2	General Purpose Examination/Observation Room(s)	Required	
•	•	3.1-3.2.2.2(1)	Area	80 S.F. min	
•	•	3.1-3.2.2.2(2)	Clearances	3 sides of table	2'-8"
•	•	3.1-3.2.2.3	Handwashing Station	Required	
•	•	3.1-3.2.2.4	Documentation Area (Written or Electronic)	Required	
	•	Table 3.1-1	Electrical Receptacles	Total number	8 Single
	•			# head of exam table	4 min
	•	ASHRAE 7.1	Pressure Relationship to Adjacent Areas		N/R
	•	ASHRAE 7.1	Min. Outdoor Air Changes /Hour		2
	•	ASHRAE 7.1	Min. Total Air Changes /Hour		6
	•	ASHRAE 7.1	All Room Air Exhausted Directly to Outdoor		N/R
	•	ASHRAE 7.1	Air Recirculated by Means of Room Units		N/R
	•	ASHRAE 7.1	Relative Humidity (%)		60 max
	•	ASHRAE 7.1	Design Temperature (°F)		70-75
•	•	3.1-3.2.3	Special Purpose Examination Room – if provided		
•	•	3.1-3.2.3.2(1)	Area		100 S.F.
•	•	3.1-3.2.3.2(2)	Clearances	sides and head or foot of table, bed or chair remaining side	3'-6" min. 1'-0" min.
•	•	3.1-3.2.3.3	Handwashing Station	Required	
•	•	3.1-3.2.3.4	Documentation Area (Written or Electronic)	Required	
	•	Table 3.1-1	Electrical Receptacles	Total number	8 Single
	•			# @ head of exam table	4 min
	•	3.2-3.2.6	Support Areas for Examination Rooms		
•	•	3.2-3.2.6.6, 3.1-3.6.6	Medication Preparation Room *Select medication preparation room and/or Self-contained medication dispensing unit	Required *	
•	•	3.1-3.6.6.2(1)(a)(i)	Work counter	Required	
•	•	3.1-3.6.6(1)(a)(ii)	Hand-washing station	Required	
•	•	3.1-3.6.6(1)(a)(iii)	Lockable refrigerator	Required	

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	•	3.1-3.6.6(1)(a)(iv)	Locked storage for controlled drugs	Required		
	•	ASHRAE 7.1	Pressure Relationship to Adjacent Areas	N/R		
	•	ASHRAE 7.1	Min. Outdoor Air Changes /Hour	2		
	•	ASHRAE 7.1	Min. Total Air Changes /Hour	4		
	•	ASHRAE 7.1	All Room Air Exhausted Directly to Outdoor	N/R		
	•	ASHRAE 7.1	Air Recirculated by Means of Room Units	N/R		
	•	ASHRAE 7.1	Relative Humidity (%)	60 max		
	•	ASHRAE 7.1	Design Temperature (*F)	70-75		
•	•	3.2-3.2.6.6, 3.1-3.6.6	Self-contained medication dispensing unit *Select medication preparation room and/or Self-contained medication dispensing unit	Required *		
•	•	3.1-3.6.6	Hand-washing station/sanitation *Located next to dispensing unit	Required *		
•	•	3.2-3.2.6.7	Patient Toilet Room *exclusive patient use where >(3) exam rooms	Required		
	•	ASHRAE 7.1	Pressure Relationship to Adjacent Areas	Negative		
	•	ASHRAE 7.1	Min. Outdoor Air Changes / Hour	N/R		
	•	ASHRAE 7.1	Min. Total Air Changes / Hour	10		
	•	ASHRAE 7.1	All Room Air Exhausted Directly to Outdoors	Yes		
	•	ASHRAE 7.1	Air Recirculated by Means of Room Units	No		
	•	ASHRAE 7.1	Relative Humidity (%)	N/R		
	•	ASHRAE 7.1	Design Temperature (*F)	72-78		
•	•	3.2-3.2.6.9	Clean Work Area *Clean and Soiled Rooms Must Be Separate	Required*		
•	•	3.2-3.2.6.9(1)	Counter	Required		
•	•	3.2-3.2.6.9(2)	Hand-washing Station	Required		
•	•	3.2-3.2.6.9(3)	Supply Storage	Required		
	•	ASHRAE 7.1	Pressure Relationship to Adjacent Areas	Positive		
	•	ASHRAE 7.1	Min. Outdoor Air Changes / Hour	2		
	•	ASHRAE 7.1	Min. Total Air Changes / Hour	4		
	•	ASHRAE 7.1	All Room Air Exhausted Directly to Outdoors	N/R		
	•	ASHRAE 7.1	Air Recirculated by Means of Room Units	N/R		
	•	ASHRAE 7.1	Relative Humidity (%)	N/R		
	•	ASHRAE 7.1	Design Temperature(*F)	N/R		
•	•	3.2-3.2.6.10, 3.1-3.6.10	Soiled Holding Room *Clean and Soiled Rooms Must Be Separate	Required*		
•	•	3.1-3.6.10	Provisions for collection, storage, and disposal of soiled materials	Required		
	•	ASHRAE 7.1	Pressure Relationship to Adjacent Areas	Negative		
	•	ASHRAE 7.1	Min. Outdoor Air Changes / Hour	2		
	•	ASHRAE 7.1	Min. Total Air Changes / Hour	10		
	•	ASHRAE 7.1	All Room Air Exhausted Directly to Outdoors	Yes		
	•	ASHRAE 7.1	Air Recirculated by Means of Room Units	No		
	•	ASHRAE 7.1	Relative Humidity (%)	N/R		
	•	ASHRAE 7.1	Design Temperature(*F)	N/R		
•	•	3.2-3.2.6.11	Equipment and Supply Storage (Sterile Storage)	Required		
	•	3.2-3.2.6.11	Sterile equipment and supplies storage			
	•	ASHRAE 7.1	Pressure Relationship to Adjacent Areas	Positive		

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	•	ASHRAE 7.1	Min. Outdoor Air Changes / Hour	2		
	•	ASHRAE 7.1	Min. Total Air Changes / Hour	4		
	•	ASHRAE 7.1	All Room Air Exhausted Directly to Outdoors	N/R		
	•	ASHRAE 7.1	Air Recirculated by Means of Room Units	N/R		
	•	ASHRAE 7.1	Relative Humidity (%)	60 max		
	•	ASHRAE 7.1	Design Temperature(°F)	72-78		
•	•	3.1-3.6.11.3	Wheelchair storage and parking	Required		
•	•	3.1-3.6.11.4	Emergency equipment storage	Required		
3.2-3.3 Diagnostic Services						
•	•	3.2-3.3.2, 2.2-3.4.3	Diagnostic Radiography Facilities – if provided			
•	•	2.2-3.4.3.1, 2.2-3.4.1.3	Shielded control alcove or room	Required		
•	•	2.2-3.4.1.3(1)	Window	Shielded		
•	•	2.2-3.4.3.2	Radiography rooms – if provided			
•	•	A2-2-3.4.3.2	Area	180 S.F.		
•	•	2.2-3.4.3.2	hand-washing station	Required		
	•	ASHRAE 7.1	Pressure Relationship to Adjacent Areas	N/R		
	•	ASHRAE 7.1	Min. Outdoor Air Changes / Hour	2		
	•	ASHRAE 7.1	Min. Total Air Changes / Hour	6		
	•	ASHRAE 7.1	All Room Air Exhausted Directly to Outdoors	N/R		
	•	ASHRAE 7.1	Air Recirculated by Means of Room Units	N/R		
	•	ASHRAE 7.1	Relative Humidity (%)	60 max		
	•	ASHRAE 7.1	Design Temperature(°F)	72-78		
•	•	2.2-3.4.3.3	Radiography/fluoroscopy room – if provided			
•	•	A2-2-3.4.3.3	Area	250 S.F.		
•	•	2.2-3.4.3.3	hand-washing station	Required		
	•	ASHRAE 7.1	Pressure Relationship to Adjacent Areas	N/R		
	•	ASHRAE 7.1	Min. Outdoor Air Changes / Hour	2		
	•	ASHRAE 7.1	Min. Total Air Changes / Hour	6		
	•	ASHRAE 7.1	All Room Air Exhausted Directly to Outdoors	N/R		
	•	ASHRAE 7.1	Air Recirculated by Means of Room Units	N/R		
	•	ASHRAE 7.1	Relative Humidity (%)	60 max		
	•	ASHRAE 7.1	Design Temperature(°F)	72-78		
•	•	2.2-3.4.3.3	Patient Toilet Room – direct access	Required		
•	•	2.2-3.4.3.4	Mammography room – if provided			
•	•	A2-2-3.4.3.4	Area	100 S.F.		
•	•	2.2-3.4.3.4(2)	hand-washing station	Required		
•	•	2.2-3.4.8.3	Patient changing rooms – immediately accessible	Required		
•	•	2.2-3.4.8.3	Seat or Bench	Required		
	•	2.2-3.4.8.3	Mirror	Required		
	•	2.2-3.4.8.3	Provisions for Hanging Patients' Clothing and Securing Valuables	Required		
3.2-4, 3.1-4 Patient Support Facilities						
3.2-4.1, 3.1-4.1 Laboratory Services						
•	•	3.2-4.1.2, 3.1-4.1	Laboratory Testing/Work Areas	Required		
		3.2-4.1.2.1	Specimen collection	Required		
•		3.2-4.1.2.1(1)	Urine Collection Rooms	Required		

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•	•	3.2-4.1.2.1(1)	Hand-washing station	Required		
•	•	3.2-4.1.2.1(2)	Patient Toilet Room *In small neighborhood clinics use of the patient toilet room 3.2-3.2.6.7 is permitted for specimen collection	Required*		
•		3.1-4.1.2.3	Hand-washing station	Required		
	•	ASHRAE 7.1	Pressure Relationship to Adjacent Areas	Positive		
	•	ASHRAE 7.1	Min. Outdoor Air Changes / Hour	2		
	•	ASHRAE 7.1	Min. Total Air Changes / Hour	6		
	•	ASHRAE 7.1	All Room Air Exhausted Directly to Outdoors	N/R		
	•	ASHRAE 7.1	Air Recirculated by Means of Room Units	N/R		
	•	ASHRAE 7.1	Relative Humidity (%)	N/R		
	•	ASHRAE 7.1	Design Temperature(°F)	70-75		
•	•	3.2-4.1.2.2	Blood Collection Facilities	Required		
•	•	3.2-4.1.2.2(1)	Chair	Required		
•	•	3.2-4.1.2.2(1)	Work counter	Required		
•	•	3.2-4.1.2.2(2)	Hand-washing station	Required		
	•	ASHRAE 7.1	Pressure Relationship to Adjacent Areas	Positive		
	•	ASHRAE 7.1	Min. Outdoor Air Changes / Hour	2		
	•	ASHRAE 7.1	Min. Total Air Changes / Hour	6		
	•	ASHRAE 7.1	All Room Air Exhausted Directly to Outdoors	N/R		
	•	ASHRAE 7.1	Air Recirculated by Means of Room Units	N/R		
	•	ASHRAE 7.1	Relative Humidity (%)	N/R		
	•	ASHRAE 7.1	Design Temperature(°F)	70-75		
	•	3.2-4.1.3	Specimen Storage	Required		
	•	3.2-4.1.3	Storage and refrigeration of specimens	Required		
3.2-5, 3.1-5 General Support Facilities						
3.2-5.1, 3.1-5.1 Primary Care Center – If provided						
•	•	3.1-5.2.2	On-Site Linen Processing Area *Select one: on-site or off-site	Required*		
•	•	3.1-5.2.2.1	Dedicated Linen Processing Area	Required		
•	•	3.1-5.2.2.1	Washer and dryer area	Required		
•	•	3.1-5.2.2.1	Soiled sorting and washing area	Required		
•	•	3.1-5.2.2.1	Clean drying and folding area	Required		
•	•	3.1-2.2.2.2	Supply storage	Required		
•	•	3.1-5.2.2.3	Clean Linen Storage	Required		
	•	ASHRAE 7.1	Pressure Relationship to Adjacent Areas	Positive		
	•	ASHRAE 7.1	Min. Outdoor Air Changes / Hour	N/R		
	•	ASHRAE 7.1	Min. Total Air Changes / Hour	2		
	•	ASHRAE 7.1	All Room Air Exhausted Directly to Outdoors	N/R		
	•	ASHRAE 7.1	Air Recirculated by Means of Room Units	N/R		
	•	ASHRAE 7.1	Relative Humidity (%)	N/R		
	•	ASHRAE 7.1	Design Temperature (°F)	72-78		
•	•	3.1-5.2.2.4	Hand-wash station	Required		
•	•	3.1-5.2.3	Support Areas for Off-site Laundry Services *Select one: on-site or off-site	Required*		
•	•	3.1-5.2.3.1	Soiled Linen Holding area	Required		
	•	ASHRAE 7.1	Pressure Relationship to Adjacent Areas	Negative		
	•	ASHRAE 7.1	Min. Outdoor Air Changes / Hour	N/R		

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	•	ASHRAE 7.1	Min. Total Air Changes / Hour	10		
	•	ASHRAE 7.1	All Room Air Exhausted Directly to Outdoors	Yes		
	•	ASHRAE 7.1	Air Recirculated by Means of Room Units	No		
	•	ASHRAE 7.1	Relative Humidity (%)	N/R		
	•	ASHRAE 7.1	Design Temperature (°F)	N/R		
•	•	3.1-5.2.3.2	Clean Linen Storage area	Required		
	•	ASHRAE 7.1	Pressure Relationship to Adjacent Areas	Positive		
	•	ASHRAE 7.1	Min. Outdoor Air Changes / Hour	N/R		
	•	ASHRAE 7.1	Min. Total Air Changes / Hour	2		
	•	ASHRAE 7.1	All Room Air Exhausted Directly to Outdoors	N/R		
	•	ASHRAE 7.1	Air Recirculated by Means of Room Units	N/R		
	•	ASHRAE 7.1	Relative Humidity (%)	N/R		
	•	ASHRAE 7.1	Design Temperature (°F)	72-78		
•	•	3.1-5.5.1	Environmental Services Room	Required		
•	•	3.1-5.5.1.1	Number per floor	1		
•	•	3.1-5.5.1.2	Service or floor mounted sink	Required		
•	•	3.1-5.5.1.2	Storage for supplies and housekeeping equipment	Required		
•	•	3.1-5.5.1.2	hand-washing station or hand sanitation dispenser	Required		
	•	ASHRAE 7.1	Pressure Relationship to Adjacent Areas	Negative		
	•	ASHRAE 7.1	Min. Outdoor Air Changes / Hour	N/R		
	•	ASHRAE 7.1	Min. Total Air Changes / Hour	10		
	•	ASHRAE 7.1	All Room Air Exhausted Directly to Outdoors	Yes		
	•	ASHRAE 7.1	Air Recirculated by Means of Room Units	No		
	•	ASHRAE 7.1	Relative Humidity (%)	N/R		
	•	ASHRAE 7.1	Design Temperature (°F)	N/R		
3.2-5.2 Small Neighborhood Clinics – if provided						
•	•	3.1-5.5.1	Environmental Services Room	Required		
•	•	3.1-5.5.1.1	Number per floor	1		
•	•	3.1-5.5.1.2(1)	Service or floor mounted sink	Required		
•	•	3.1-5.5.1.2(2)	Storage for supplies and housekeeping equipment	Required		
•	•	3.1-5.5.1.2(3)	hand-washing station or hand sanitation dispenser	Required		
	•	ASHRAE 7.1	Pressure Relationship to Adjacent Areas	Negative		
	•	ASHRAE 7.1	Min. Outdoor Air Changes / Hour	N/R		
	•	ASHRAE 7.1	Min. Total Air Changes / Hour	10		
	•	ASHRAE 7.1	All Room Air Exhausted Directly to Outdoors	Yes		
	•	ASHRAE 7.1	Air Recirculated by Means of Room Units	No		
	•	ASHRAE 7.1	Relative Humidity (%)	N/R		
	•	ASHRAE 7.1	Design Temperature (°F)	N/R		
3.2-6, 3.1-6 Public and Administrative Areas						
3.2-6.2 Public Areas						
•	•	3.2-6.2.1, 3.1-6.2.1	Reception	Required		
•	•	3.2-6.2.2.1, 3.1-6.2.2	Reception/Information Counter	Required		
•	•	3.2-6.2.2.2	Control Counter *Permitted to be part of Reception/Information Counter	Required*		
•	•	3.2-6.2.3	Waiting Area	Required		
•	•	3.2-6.2.3.2	Number of seats per exam room	2		

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•	•	3.2-6.2.3.3	Separate area dedicated to pediatric patients	Required		
•	•	3.2-6.2.3.4	Provisions for wheelchairs	Required		
•	•	3.1-6.2.4	Public Toilet Room	Required		
	•	ASHRAE 7.1	Pressure Relationship to Adjacent Areas	Negative		
	•	ASHRAE 7.1	Min. Outdoor Air Changes / Hour	N/R		
	•	ASHRAE 7.1	Min. Total Air Changes / Hour	10		
	•	ASHRAE 7.1	All Room Air Exhausted Directly to Outdoors	No		
	•	ASHRAE 7.1	Relative Humidity (%)	N/R		
	•	ASHRAE 7.1	Design Temperature (*F)	72-78		
	•	3.1-6.2.4	Local Telephone Access	Required		
	•	3.1-6.2.5	Provisions for Drinking Water	Required		
•	•	3.1-6.2.6	Wheel Chair Storage	Required		
3.2-6.3 Administrative Areas						
•	•	3.2-6.3.3.1	General or Individual Offices – In Primary Care Facilities	Required		
•	•	3.2-6.3.3.1	Separate and enclosed	Required		
•	•	3.2-6.3.3.1	Separate clerical and public space	Required		
•	•	3.2-6.3.3.2	General or Individual Offices – In Small Neighborhood Clinics	Required		
•	•	3.2-6.3.3.2	Office area separate from public space	Required		
•	•	3.2-6.3.4	Multipurpose Room	Required*		
			*In small facilities can be shared with consultation			
•	•	3.2-6.3.5, 3.1-6.3.5	Medical Records	Required		
•	•	3.2-6.3.6, 3.1-6.3.6	Equipment and Supply Storage	Required		
3.2-6.4 Support Areas for Staff						
•	•	3.2-6.4.1	Staff Lounge – in primary care facilities	Required		
•	•	3.2-6.4.1	Staff Toilet Room – in primary care facilities	Required		
	•	ASHRAE 7.1	Pressure Relationship to Adjacent Areas	Negative		
	•	ASHRAE 7.1	Min. Outdoor Air Changes / Hour	N/R		
	•	ASHRAE 7.1	Min. Total Air Changes / Hour	10		
	•	ASHRAE 7.1	All Room Air Exhausted Directly to Outdoors	Yes		
	•	ASHRAE 7.1	Air Recirculated by Means of Room Units	No		
	•	ASHRAE 7.1	Relative Humidity (%)	N/R		
	•	ASHRAE 7.1	Design Temperature(*F)	72-78		
•	•	3.2-6.4.2	Storage for Staff – in small neighborhood clinics	Required		
3.2-7, 3.1-7 Design and Construction Requirements						
3.1-7.2 Architectural Details, Surfaces, And Furnishings						
•	•	3.1-7.2.2.1	Corridor width	See NFPA LSC		
•	•	3.1-7.2.2.2	Ceiling Heights	Unoccupied and corridors	7'-6"	
•	•			Occupied Rooms	7'-10"	
•	•	3.1-7.2.2.2	Ceiling Mounted Equipment	Stowed	7'-0"	
•	•			Circulation	7'-6"	
•	•	3.1-7.2.2.3	Doors	Width where wheeled bed stretchers are used	45.5 inches	
•	•			width	See NFPA LSC	
•	•			height	83.5 inches	
	•	3.1-7.2.3.1	Floor Finishes	Cleanable and wear resistant	Required	
	•			Smooth transitions	Required	
	•			Germicide/chemical resistant	Required	

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	•	3.1-7.2.3.2	Wall Finishes *In areas of wet spray or splatter	Washable	Required		
	•			Smooth	Required		
	•			Germicide/chemical resistant	Required		
	•			Monolithic	Required*		
	•			Scrubbable	Required*		
	•			Smooth	Required*		
	•	3.1-7.2.3.4	Ceiling Finishes	Water resistant	Required*		
	•			Scrubbable	Required		
	•			Smooth/crevice free	Required		
	•			Chemical resistant	Required		
3.2-8 Building Systems							
3.2-8.2, 3.1-8.2 Ventilation and Space-Conditioning Requirements							
	•	ASHRAE 6.4	Administrative; bulk storage; soiled holding spaces; food preparation spaces; and laundries	Filter Bank No. 1 (MERV)	7		
	•	ASHRAE 6.4		Filter Bank No. 2 (MERV)	NR		
	•	ASHRAE 6.4	All other outpatient spaces	Filter Bank No. 1 (MERV)	7		
	•	ASHRAE 6.4		Filter Bank No. 2 (MERV)	NR		
1.2-5 Planning and Design Considerations and Requirements							
1.2-5.1.5 Design Criteria for Performance of Interior Wall and Floor/Ceiling Constructions							
	•	1.2-5.1.5.2	Minimum STC rating for demising walls See Table 1.2-6	Required			
		Table 1.2-6	Design Criteria for Minimum Sound Isolation Performance Between Enclosed Rooms				
	•	Exam room	Adjacent to:	Corridor (with entrance)	35 STC		
	•			Public space	50 STC		
	•			Exam Room (no electronic masking)	50 STC		
	•			Exam Room (with electronic masking)	40 STC		
	•			MRI Room	60 STC		
	•	Treatment Room	Adjacent to:	Room	50 STC		
	•			Corridor	35 STC		
	•	Toilet Room	Adjacent to:	Public space	45 STC		
	•	Consultation Room	Adjacent to:	Public space	50 STC		
	•			Patient Rooms	50 STC		
	•			Corridor (with entrance)	35 STC		

END