

Franklin Elementary Ventilation Summary

Room	Ventilation Equipment Type	Minimum Fresh Air Required (CFM) ¹	Measured Fresh Air (CFM)	Room Ventilation Status at 50% Occupancy	Room Ventilation Status at 100% Occupancy	Nominal Occupancy Supported by Measured Fresh Air	Notes
201 - Classroom	Unit Vent	285	369	●	●	30	
202 - Classroom	Unit Vent	255	377	●	●	31	
203 - Classroom	Unit Vent	245	703	●	●	64	
204 - Classroom	Unit Vent	240	754	●	●	69	
205 - Classroom	Unit Vent	270	267	●	●	20	Within margin of error of measuring equipment
206 - Classroom	Unit Vent	270	644	●	●	58	
207C - Classroom	Unit Vent	200	255	●	●	23	
208 - Classroom	Unit Vent	270	262	●	●	23	Within margin of error of measuring equipment
209 - Classroom	Unit Vent	230	553	●	●	50	
210 - Classroom	Unit Vent	230	732	●	●	66	
211 - Classroom	Unit Vent	230	448	●	●	39	
212 - Classroom	Unit Vent	230	545	●	●	49	
321 - Classroom	Unit Vent	285	465	●	●	41	
322 - Classroom	Unit Vent	255	488	●	●	43	
323 - Classroom	Unit Vent	245	695	●	●	62	
324 - Classroom	Unit Vent	240	467	●	●	40	
325 - Classroom	Unit Vent	270	490	●	●	43	
326 - Classroom	Unit Vent	190	316	●	●	26	
327 - Classroom	Unit Vent	270	543	●	●	48	
328 - Classroom	Unit Vent	280	303	●	●	26	
329 - Classroom	Unit Vent	280	382	●	●	32	
B30 - Art Classroom	Unit Vent	405	595	●	●	47	
B31 - Classroom	Unit Vent	430	1148	●	●	106	
Admin Suite	Unit Vent	-	-	-	-	NA	Outdoor meets requirements of construction, but is short of ideal standards. Mitigation work ongoing and scheduled.
Nurse	Unit Vent	-	-	-	-	NA	Outdoor meets requirements of construction, but is short of ideal standards. Mitigation work ongoing and scheduled.
Library	Unit Vent	285	256	●	●	46	Within margin of error of measuring equipment
Auditorium	AHU	2065	3328	●	●	412	
Gym	AHU	785	2033	●	●	137	

1. Air flow calculated using ASHRAE 62.1 and the International Mechanical Code default values for fully occupied spaces.