

Memorial Spaulding Elementary Ventilation Summary

<u>Room</u>	<u>Ventilation Equipment Type</u>	<u>Minimum Fresh Air Required (CFM) ¹</u>	<u>Measured Fresh Air (CFM)</u>	<u>Room Ventilation Status at 50% Occupancy</u>	<u>Room Ventilation Status at 100% Occupancy</u>	<u>Nominal Occupancy Supported by Measured Fresh Air</u>	<u>Notes</u>
101 - Classroom	Unit Vent	405	435	●	●	28	
103 - Classroom	Unit Vent	405	459	●	●	31	
105 - Classroom	Unit Vent	390	711	●	●	57	
107 - Classroom	Unit Vent	390	507	●	●	37	
109 - Classroom	Unit Vent	160	256	●	●	18	
110 - Classroom	AHU	130	123	●	●	8	Within margin of error of testing equipment.
111 - Classroom	AHU	130	123	●	●	8	Within margin of error of testing equipment.
112 - Classroom	AHU	105	95	●	●	7	Within margin of error of testing equipment.
116 - Classroom	AHU	95	127	●	●	10	
124 - Café	Unit Vent	515	625	●	●	57	
201 - Classroom	Unit Vent	355	774	●	●	66	
203 - Classroom	Unit Vent	370	426	●	●	31	
205 - Classroom	Unit Vent	375	383	●	●	26	
207 - Classroom	Unit Vent	370	369	●	●	25	Within margin of error of testing equipment.
209 - Classroom	Unit Vent	370	919	●	●	80	
210 - Classroom	Unit Vent	325	762	●	●	66	
211 - Classroom	Unit Vent	340	437	●	●	33	
212 - Library	Unit Vent	410	1365	●	●	216	
216 - Classroom	Unit Vent	130	447	●	●	41	
221 - Classroom	Unit Vent	310	340	●	●	23	
226 - Office	Unit Vent	15	107	●	●	18	
228 - Classroom	Unit Vent	325	340	●	●	24	
230 - Classroom	Unit Vent	325	672	●	●	57	
231 - Classroom	Unit Vent	325	354	●	●	25	
232 - Classroom	Unit Vent	410	410	●	●	25	
234 - Classroom	Unit Vent	325	880	●	●	78	
235 - Classroom	Unit Vent	325	723	●	●	62	
236 - Classroom	Unit Vent	325	374	●	●	27	
246 - Classroom	Unit Vent	325	489	●	●	39	
247 - Classroom	Unit Vent	325	409	●	●	31	
248 - Classroom	Unit Vent	325	440	●	●	34	
249 - Classroom	Unit Vent	325	721	●	●	62	
250 - Classroom	Unit Vent	325	449	●	●	35	
251 - Classroom	Unit Vent	325	554	●	●	45	
252 - Breakroom	AHU	105	110	●	●	18	
253 - Office	AHU	15	42	●	●	3	
Admin Office	AHU	95	245	●	●	44	
Nurse	AHU	30	80	●	●	7	
Auditorium	AHU	1190	2122	●	●	406	
Gym	AHU	535	1283	●	●	80	

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