

Horace Mann 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
101 - Classroom	ERU-1	345	374	●	●	26	
102 - Classroom	ERU-1	335	411	●	●	30	
103 - Classroom	ERU-1	280	340	●	●	25	
104 - Classroom	ERU-1	290	439	●	●	34	
105 - Classroom	ERU-1	270	340	●	●	25	
111 - Nurse	ERU-2	90	141	●	●	8	
116 - Classroom	ERU-1	335	505	●	●	39	
117 - Classroom	ERU-1	360	345	●	●	23	Within margin of error of testing equipment
124 - Learning Center	ERU-1	95	189	●	●	15	
118A - After School	ERU-1	205	328	●	●	26	
136 - Classroom	ERU-1	325	365	●	●	26	
141 - Classroom	ERU-1	320	351	●	●	25	
142 - Classroom	ERU-1	270	357	●	●	27	
201 - Classroom	ERU-1	325	364	●	●	26	
202 - Classroom	ERU-1	270	486	●	●	40	
203 - Library	ERU-1	130	340	●	●	50	
204 - Classroom	ERU-1	290	347	●	●	25	
205 - Classroom	ERU-1	275	347	●	●	26	
210 - Classroom	ERU-1	195	340	●	●	28	
211 - Classroom	ERU-1	230	331	●	●	26	
212 - Classroom	ERU-1	140	176	●	●	13	
213 - Classroom	ERU-1	355	658	●	●	54	
214 - Classroom	ERU-1	355	355	●	●	24	
216 - Social Programatics	ERU-1	110	197	●	●	16	
220 - Special Sensory Int.	ERU-1	110	197	●	●	16	
Admin Suite	ERU-2	150	345	●	●	62	
Music	AHU-1	440	1307	●	●	116	
137 - Art	ERU-1	335	398	●	●	24	
118 - Cafeteria	ERU-1	1280	1280	●	●	126	
Gym	AHU-2	1135	1186	●	●	73	
Modular A	Unit AC	300	355	●	●	26	
Modular B	Unit AC	300	1034	●	●	66	

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