

Mason Rice 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
1 - Classroom	Unit Vent	310	407	●	●	30	
2 - Classroom	Unit Vent	295	359	●	●	25	
3 - Classroom	Unit Vent	310	379	●	●	27	
4 - Classroom	Unit Vent	310	319	●	●	21	
5 - Classroom	Unit Vent	310	326	●	●	22	
6 - Classroom	Unit Vent	310	548	●	●	44	
7 - Classroom	Unit Vent	310	366	●	●	26	
8 - Classroom	Unit Vent	310	282	●	●	17	Within margin of error of test equipment
9 - Classroom	Unit Vent	310	352	●	●	24	
10 - Classroom	Unit Vent	310	521	●	●	44	
11 - Classroom	Unit Vent	310	376	●	●	30	
12 - Classroom	Unit Vent	325	374	●	●	29	
13 - Classroom	Unit Vent	320	393	●	●	31	
14 - Classroom	Unit Vent	325	390	●	●	31	
15 - Classroom	Unit Vent	320	400	●	●	32	
16 - Classroom	Unit Vent	325	360	●	●	28	
17 - Classroom	Unit Vent	320	413	●	●	33	
18 - Classroom	Unit Vent	320	400	●	●	32	
19 - Classroom	Unit Vent	175	158	●	●	10	Within margin of error of test equipment
20 - Classroom	Unit Vent	325	212	●	●	11	Contractor assigned. Will retest when work is complete.
21 - Classroom	Unit Vent	295	213	●	●	12	Contractor assigned. Will retest when work is complete.
337- Classroom	RTU	330	508	●	●	43	
338- Classroom	RTU	330	513	●	●	43	
339- Classroom	RTU	330	421	●	●	34	
340- Classroom	RTU	355	337	●	●	25	Within margin of error of test equipment
Admin Suite	NA	-	181	●	●	NA	Outdoor meets requirements of construction, but is short of ideal standards. Mitigation work ongoing and scheduled.
Nurse	NA	-	-	●	●	NA	Outdoor meets requirements of construction, but is short of ideal standards. Mitigation work ongoing and scheduled.
Afterschool	Unit Vent	135	68	●	●	-	Contractor assigned. Will retest when work is complete.
Auditorium	AHU	1440	1797	●	●	337	
Gym	AHU	735	1344	●	●	82	

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