

Automatic Temperate Controls, Inc. - Andrews School Building Survey

Room #	Location	Name	Type	Airflow Readings (CFM)				Filter System CFM	Room Size				ACH				Total ACH		Recommendations to meet RORI
	Floor			Supply		Exhaust /Return			Length	Width	Height	Cubic Feet	Supply		Exhaust /Return				
				Normal	100% ODA	Normal	100% ODA						Normal	100% ODA	Normal	100% ODA	Normal	100%	
No #	1st	Main Office	BB	26.00	26.00			218.00	24.00	14.00	10.00	3360.00	4.36	4.36	0.00	0.00	4.36	4.36	meets RORI
A108	1st	Classroom	BB	207.00	207.00	196.00	196.00	436.00	34.00	26.00	10.00	8840.00	4.36	4.36	1.33	1.33	5.69	5.69	Meets RORI
A110	1st	Classroom	BB	188.00	188.00	208.00	208.00	436.00	34.00	30.00	12.00	12240.00	3.06	3.06	1.02	1.02	4.08	4.08	Meets RORI
No #	Gym	Gym	RTU#2	7280.00	7280.00	6300.00	6300.00	2616.00	70.00	85.00	28.00	166600.00	3.56	3.56	2.27	2.27	5.83	5.83	Meets RORI
A118	1st	Teacher Support	BB	304.00	304.00	415.00	415.00	218.00	6.00	7.00	12.00	504.00	62.14	62.14	49.40	49.40	111.55	111.55	Meets RORI
A121	1st	Teacher Support	BB	221.00	221.00	114.00	114.00	218.00	38.00	16.00	12.00	7296.00	3.61	3.61	0.94	0.94	4.55	4.55	Meets RORI
A122	1st	Classroom	BB	229.00	229.00	347.00	347.00	218.00	34.00	28.00	12.00	11424.00	2.35	2.35	1.82	1.82	4.17	4.17	Meets RORI
No #		Nurse	BB	51.00	51.00	226.00	226.00	218.00	20.00	28.00	10.00	5600.00	2.88	2.88	2.42	2.42	5.30	5.30	meets RORI
No #		Nurse Bathroom		0.00	0.00	28.00	28.00	218.00	6.00	8.00	10.00	480.00	27.25	27.25	3.50	3.50	30.75	30.75	meets RORI
A130	1st	Classroom	FCU x2	205.00	205.00	241.00	241.00	218.00	44.00	20.00	9.00	7920.00	3.20	3.20	1.83	1.83	5.03	5.03	Meets RORI
A133	1st	Classroom	FCU x2	265.00	265.00	226.00	226.00	218.00	28.00	32.00	9.00	8064.00	3.59	3.59	1.68	1.68	5.28	5.28	Meets RORI
A137	1st	Classroom	FCU x2	339.00	339.00	305.00	305.00	218.00	36.00	28.00	9.00	9072.00	3.68	3.68	2.02	2.02	5.70	5.70	Meets RORI
No #	1st	Multi Purpose Room	FCU x2					654.00	40.00	20.00	9.00	7200.00	5.45	5.45	0.00	0.00	5.45	5.45	Meets RORI
No #	1st	Girls RR (by A108)	Exhaust			0.00	0.00		20.00	9.00	10.00	1800.00	0.00	0.00	0.00	0.00	0.00	0.00	Needs exhaust added
No #	1st	Boys RR (by Gym)	Exhaust			137.00	137.00		13.00	12.75	10.00	1657.50	0.00	0.00	4.96	4.96	4.96	4.96	Meets RORI
No #	1st	Faculty RR (by Gym)	Exhaust		0.00	74.00	74.00		10.20	6.25	10.00	637.50	0.00	0.00	6.96	6.96	6.96	6.96	Meets RORI
No #	1st	RR (by A137)	Exhaust			85.00	85.00		7.00	5.70	8.00	319.20	0.00	0.00	15.98	15.98	15.98	15.98	Meets RORI
A202	2nd	Classroom	BB	343.00	343.00	141.00	141.00	436.00	34.00	30.00	12.00	12240.00	3.82	3.82	0.69	0.69	4.51	4.51	Meets RORI
A205	2nd	Classroom	BB	464.00	464.00	141.00	141.00	218.00	36.00	28.00	12.00	12096.00	3.38	3.38	0.70	0.70	4.08	4.08	Meets RORI
A206	2nd	Classroom	BB	407.00	407.00	449.00	449.00	218.00	34.00	28.00	12.00	11424.00	3.28	3.28	2.36	2.36	5.64	5.64	Meets RORI
A210	2nd	Classroom	BB	617.00	617.00	376.00	376.00	218.00	23.00	35.00	12.00	9660.00	5.19	5.19	2.34	2.34	7.52	7.52	Meets RORI
No #	2nd	Faculty /ISO	BB	254.00	254.00	94.00	94.00	218.00	20.00	13.00	12.00	3120.00	9.08	9.08	1.81	1.81	10.88	10.88	Meets RORI
A215	2nd	Classroom	BB	527.00	527.00	295.00	295.00	218.00	36.00	26.00	12.00	11232.00	3.98	3.98	1.58	1.58	5.56	5.56	Meets RORI
A218	2nd	OT / PT	FCU x2	310.00	310.00	441.00	441.00	218.00	19.00	18.00	11.00	3762.00	8.42	8.42	7.03	7.03	15.45	15.45	Meets RORI
A219	2nd	Classroom	FCU x2	306.00	306.00	428.00	428.00	218.00	31.00	28.00	11.00	9548.00	3.29	3.29	2.69	2.69	5.98	5.98	Meets RORI
A220	2nd	Classroom	FCU x2	290.00	290.00	354.00	354.00	218.00	33.00	26.00	11.00	9438.00	3.23	3.23	2.25	2.25	5.48	5.48	Meets RORI
No #	2nd	Faculty	FCU x2	304.00	304.00	361.00	361.00	218.00	34.00	26.00	11.00	9724.00	3.22	3.22	2.23	2.23	5.45	5.45	Meets RORI
A225	2nd	Classroom	FCU x2	302.00	302.00	412.00	412.00	218.00	41.00	22.00	11.00	9922.00	3.14	3.14	2.49	2.49	5.64	5.64	Meets RORI
No #	2nd	Girls RR (by 206)	Exhaust	0.00	0.00	127.00	127.00		12.50	20.20	10.50	2651.25	0.00	0.00	2.87	2.87	2.87	2.87	meets RORI (2 people limit)
No #	2nd	Boys RR (by 210)	Exhaust			112.00	112.00		22.00	9.00	11.50	2277.00	0.00	0.00	2.95	2.95	2.95	2.95	meets RORI (2 people limit)
No #	2nd	Boys Closet (by 210)	Exhaust			100.00	100.00		5.50	6.50	11.50	411.13	0.00	0.00	14.59	14.59	14.59	14.59	Meets RORI
No #	2nd	Faculty RR (by ISO)	Exhaust			103.00	103.00		8.00	5.00	11.50	460.00	0.00	0.00	13.43	13.43	13.43	13.43	Meets RORI
No #	2nd	Boys RR (by A220)	Exhaust			124.00	124.00		7.50	7.00	8.00	420.00	0.00	0.00	17.71	17.71	17.71	17.71	Meets RORI
No #	2nd	Girls RR (by A220)	Exhaust			136.00	136.00		7.50	7.00	8.00	420.00	0.00	0.00	19.43	19.43	19.43	19.43	Meets RORI
No #	2nd	Faculty RR (by A220)	Exhaust			96.00	96.00		7.50	7.00	8.00	420.00	0.00	0.00	13.71	13.71	13.71	13.71	Meets RORI
No #	2nd	Custodian (by A220)	Exhaust			107.00	107.00		6.40	5.00	8.00	256.00	0.00	0.00	25.08	25.08	25.08	25.08	Meets RORI

Color Code			
Meets RORI		Instructional Space	
Phase One Air Purifier Installed		Non- Instructional Space	
Phase Two Air Purifier Installed		Area that needs to be tested	
Phase Three Air Purifier Installed			
Phase Four Air Purifier Installed			