

Automatic Temperate Controls, Inc. - Colt 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%	
				Normal	100% ODA	Normal	100% ODA						Normal	100% ODA	Normal	100% ODA			
No #	LL	Faculty RR			0.00	0.00	90.00		7.00	8.00	7.50	420.00	0.00	0.00	0.00	12.86	0.00	12.86	meets RORI
No #	LL	Boys RR			0.00	0.00	5.00		14.00	8.50	7.50	892.50	0.00	0.00	0.00	0.34	0.00	0.34	Meets RORI (2 people Max)
No #	LL	Girls RR			0.00	0.00	5.00		7.00	14.00	7.50	735.00	0.00	0.00	0.00	0.41	0.00	0.41	Meets RORI (2 people Max)
No #	LL	Multi Purpose	FCU (2)		199.00	5.00	5.00	218	27.00	24.00	7.50	4860.00	0.00	5.15	0.06	0.06	0.06	5.21	Meets RORI
C021	LL	Classroom	FCU (2)		157.00	120.00	120.00	218	30.00	26.00	7.50	5850.00	0.00	3.85	0.00	1.23	0.00	5.08	Meets RORI
C025	LL	Classroom	FCU (2)		5.00	191.00	191.00	218	31.00	26.00	7.50	6045.00	0.00	2.21	0.00	1.90	0.00	4.11	Meets RORI
No #	1st	Office	FCU		87.00	91.00	91.00	218	20.00	24.00	10.50	5040.00	0.00	3.63	0.00	1.08	0.00	4.71	Meets RORI
No #	1st	Teachers Room	FCU		30.00	0.00	0.00	436	16.00	24.00	10.50	4032.00	0.00	6.93	0.00	0.00	0.00	6.93	Meets RORI
No #	1st	Faculty RR			0.00	2.00	2.00		8.00	6.00	10.50	504.00	0.00	0.00	0.24	0.24	0.24	0.24	Meets RORI (1 person Max)
No #	1st	Boys RR			0.00	2.00	2.00		14.00	8.50	10.50	1249.50	0.00	0.00	0.10	0.10	0.10	0.10	Meets RORI (1 person Max)
No #	1st	Girls RR			0.00	2.00	2.00		14.00	8.50	10.50	1249.50	0.00	0.00	0.10	0.10	0.10	0.10	Meets RORI (1 person Max)
C102	1st	Classroom	FCU (2)		5.00	90.00	90.00	654	32.00	26.00	10.50	8736.00	0.00	4.53	0.00	0.62	0.00	5.14	Meets RORI
C117	1st	Classroom	FCU (2)		431.00	168.00	168.00	218	32.00	26.00	10.50	8736.00	0.00	4.46	0.00	1.15	0.00	5.61	Meets RORI
No #	1st	Auditorium			11146.00	3277.00	3277.00	2616	46.00	48.00	24.00	52992.00	2.96	15.58	0.00	3.71	2.96	19.29	Meets RORI
No #	2nd	Boys RR			0.00	25.00	25.00		6.00	9.00	8.00	432.00	0.00	0.00	0.00	3.47	0.00	3.47	Meets RORI (1 person Max)
No #	2nd	Girls RR			0.00	49.00	49.00		8.50	12.00	10.50	1071.00	0.00	0.00	0.00	2.75	0.00	2.75	Meets RORI (1 person Max)
C211	2nd	Classroom	FCU x2	396.00	396.00	340.00	760.00	218	30.00	26.00	10.50	8190.00	0.00	4.50	0.00	5.57	0.00	10.07	Meets RORI
C216	2nd	Classroom	FCU x2	0.00	0.00	0.00	0.00	654	30.00	26.00	10.50	8190.00	0.00	4.79	0.00	0.00	0.00	4.79	Meets RORI
No #	2nd	Faculty Work Room						218											Need to be tested
No #	2nd	Faculty Lunch Room						218											Need to be tested
No #	3rd	Faculty RR			0.00	94.00	94.00		5.00	8.00	8.00	320.00	0.00	0.00	0.00	17.63	0.00	17.63	Meets RORI
No #	3rd	Boys RR			0.00	152.00	152.00		14.50	7.50	8.00	870.00	0.00	0.00	0.00	10.48	0.00	10.48	Meets RORI
No #	3rd	Girls RR			0.00	174.00	174.00		11.50	8.00	8.00	736.00	0.00	0.00	0.00	14.18	0.00	14.18	Meets RORI
No #	3rd	Art			358.00	84.00	84.00	1308	18.00	55.00	11.00	10890.00	0.00	9.18	0.00	0.46	0.00	9.64	Meets RORI
No #	3rd	Library			1399.00	2158.00	2158.00	1308	48.00	44.00	15.00	31680.00	0.00	5.13	0.00	4.09	0.00	9.21	Meets RORI
No #	3rd	Computer			226.00	0.00	0.00	218	21.00	12.00	8.00	2016.00	0.00	13.21	0.00	0.00	0.00	13.21	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	