

Load / Airflow Summary

By Coburn and Associates

			Floor		Coil	Coil	Space		VAV		Main Coil	Heating					
			Area	People	Cooling	Cooling	Design	Air	Minimum	VAV	Heating	Fan	Percent				
System	Zone	Room **	ft²	#	Sensible	Total	Max SA	Changes	SA	Minimum	Sensible	Max SA	Clg	Htg			
Alternative 1																	
		100 - CHECK-IN DESK AREA			Rm Peak	386	5.0	18,606	22,130	854	14.74	0	0	-8,590	854	9.7	9.7
		101 - HALL			Rm Peak	80	0.0	729	905	21	1.73	0	0	-336	21	24.1	24.1
		102 - WOMEN			Rm Peak	127	0.0	1,031	1,031	33	1.73	0	0	-215	33	0.0	0.0
		103 - MEN			Rm Peak	127	0.0	2,063	2,063	64	3.39	0	0	-681	64	0.0	0.0
		104 - MOP ROOM			Rm Peak	18	0.0	536	536	16	5.77	0	0	-190	16	0.0	0.0
		105 - MOTHERS LOUNGE			Rm Peak	100	2.0	2,152	2,885	93	6.17	0	0	-817	93	11.9	11.9
		108 - CLOSET			Rm Peak	44	0.0	1,558	1,704	42	6.39	0	0	-654	42	11.9	11.9
		111 - ADMIN OFFICE			Rm Peak	267	3.0	6,894	8,412	255	6.37	0	0	-3,358	255	10.2	10.2
		112 - OFFICE			Rm Peak	232	3.0	4,817	6,133	182	5.24	0	0	-2,144	182	13.2	13.2
		113 - OFFICE			Rm Peak	227	3.0	5,881	7,217	216	6.34	0	0	-2,726	216	11.1	11.1
AHU-1		Sys Peak	1,608	16.0	44,267	53,016	1,776					-19,711	1,776	10.0	10.0		
AHU-1		Sys Block	1,608	16.0	41,930	51,063	1,776					-19,710	1,776	10.0	10.0		
		106 - CHAIR CLOSET			Rm Peak	142	0.0	2,055	2,688	65	3.03	0	0	-1,185	65	26.3	26.3
		107 - FOYER			Rm Peak	114	5.0	2,285	3,334	107	5.62	0	0	-552	107	6.6	6.6
		109 - AUDITORIUM			Rm Peak	1,671	100.0	47,777	70,084	1,975	4.43	0	0	-17,043	1,975	10.1	10.1
		110 - PLATFORM			Rm Peak	576	15.0	15,758	19,148	764	4.98	0	0	-6,402	764	3.3	3.3
AHU-2 / 3		Sys Peak	2,503	120.0	67,874	95,253	2,911					-25,181	2,911	8.6	8.6		
AHU-2 / 3		Sys Block	2,503	120.0	66,177	94,561	2,911					-25,181	2,911	8.6	8.6		



* This report does not display heating only systems.

Project Name: 2363 - MCM CHURCH
Dataset Name: 2363 - Load Calcs.trc

TRACE® 700 v6.3.5 calculated at 01:36 PM on 09/16/2023
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