

# ASHRAE Standard 62.1-2004-2010

By MFIA Inc.

## System Ventilation Requirements

AHU Location	Description		$\sum V_{pz}$ cfm	Ps People	$\sum Pz$ People	D Ps / $\sum Pz$	Vou cfm	Vps cfm	Xs	Ev	Vot cfm	%OA Vot / Vps
<b>Alternative 1</b>												
Zone	Zone - 001	Cooling	384	24	24	1.00	231	384	0.600	1.000	231	60.0
		Heating	384	24	24	1.00	231	384	0.600	1.000	231	60.0
Zone	Zone - 002	Cooling	116	11	11	1.00	70	116	0.600	1.000	70	60.0
		Heating	116	11	11	1.00	70	116	0.600	1.000	70	60.0
Zone	Zone - 003	Cooling	62	6	6	1.00	37	62	0.600	1.000	37	60.0
		Heating	62	6	6	1.00	37	62	0.600	1.000	37	60.0
Zone	Zone - 004	Cooling	62	6	6	1.00	37	62	0.600	1.000	37	60.0
		Heating	62	6	6	1.00	37	62	0.600	1.000	37	60.0
Zone	Zone - 005	Cooling	130	12	12	1.00	78	130	0.600	1.000	78	60.0
		Heating	130	12	12	1.00	78	130	0.600	1.000	78	60.0
Zone	Zone - 006	Cooling	101	3	3	1.00	56	101	0.550	0.950	59	57.9
		Heating	101	3	3	1.00	56	101	0.550	0.950	59	57.9
Zone	Zone - 007	Cooling	290	15	15	1.00	162	290	0.561	0.961	169	58.4
		Heating	290	15	15	1.00	162	290	0.561	0.961	169	58.4
Zone	Zone - 008	Cooling	260	25	25	1.00	156	260	0.600	1.000	156	60.0
		Heating	260	25	25	1.00	156	260	0.600	1.000	156	60.0
Zone	Zone - 010	Cooling	112	4	4	1.00	53	112	0.474	0.874	61	54.2
		Heating	112	4	4	1.00	53	112	0.474	0.874	61	54.2
Zone	Zone - 011	Cooling	137	13	13	1.00	82	137	0.600	1.000	82	60.0
		Heating	137	13	13	1.00	82	137	0.600	1.000	82	60.0
Zone	Zone - 012	Cooling	125	12	12	1.00	75	125	0.600	1.000	75	60.0
		Heating	125	12	12	1.00	75	125	0.600	1.000	75	60.0
Zone	Zone - 013	Cooling	126	12	12	1.00	76	126	0.600	1.000	76	60.0
		Heating	126	12	12	1.00	76	126	0.600	1.000	76	60.0
Zone	Zone - 014	Cooling	133	13	13	1.00	80	133	0.600	1.000	80	60.0
		Heating	133	13	13	1.00	80	133	0.600	1.000	80	60.0
Zone	Zone - 015	Cooling	222	21	21	1.00	133	222	0.600	1.000	133	60.0
		Heating	222	21	21	1.00	133	222	0.600	1.000	133	60.0

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<b>Alternative 1</b>												
Zone	Zone - 016	Cooling	52	1	1	1.00	20	52	0.391	0.791	26	49.4
		Heating	52	1	1	1.00	20	52	0.391	0.791	26	49.4
Zone	Zone - 017	Cooling	58	3	3	1.00	35	58	0.600	1.000	35	60.0
		Heating	58	3	3	1.00	35	58	0.600	1.000	35	60.0
Zone	Zone - 018	Cooling	27	1	1	1.00	12	27	0.447	1.000	12	44.7
		Heating	27	1	1	1.00	12	27	0.447	1.000	12	44.7
Zone	Zone - 019	Cooling	20	1	1	1.00	12	20	0.600	1.000	12	60.0
		Heating	20	1	1	1.00	12	20	0.600	1.000	12	60.0
Zone	Zone - 020	Cooling	169	16	16	1.00	101	169	0.600	1.000	101	60.0
		Heating	169	16	16	1.00	101	169	0.600	1.000	101	60.0
Zone	Zone - 021	Cooling	218	21	21	1.00	131	218	0.600	1.000	131	60.0
		Heating	218	21	21	1.00	131	218	0.600	1.000	131	60.0
Zone	Zone - 022	Cooling	95	3	3	1.00	57	95	0.600	1.000	57	60.0
		Heating	95	3	3	1.00	57	95	0.600	1.000	57	60.0
Zone	Zone - 023	Cooling	71	3	3	1.00	40	71	0.570	1.000	40	57.0
		Heating	71	3	3	1.00	40	71	0.570	1.000	40	57.0
Zone	Zone - 036	Cooling	201	13	13	1.00	90	201	0.445	0.875	102	50.9
		Heating	201	13	13	1.00	90	201	0.445	0.875	102	50.9
Zone	Zone - 037	Cooling	231	21	21	1.00	132	231	0.570	1.000	132	57.0
		Heating	231	21	21	1.00	132	231	0.570	1.000	132	57.0
Zone	Zone - 038	Cooling	140	13	13	1.00	80	140	0.570	1.000	80	57.0
		Heating	140	13	13	1.00	80	140	0.570	1.000	80	57.0
Zone	Zone - 039	Cooling	191	17	17	1.00	109	191	0.570	1.000	109	57.0
		Heating	191	17	17	1.00	109	191	0.570	1.000	109	57.0
Zone	Zone - 040	Cooling	63	2	2	1.00	28	63	0.438	0.868	32	50.5
		Heating	63	2	2	1.00	28	63	0.438	0.868	32	50.5
Zone	Zone - 041	Cooling	62	3	3	1.00	35	62	0.570	1.000	35	57.0
		Heating	62	3	3	1.00	35	62	0.570	1.000	35	57.0

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AHU Location	Description		$\sum V_{pz}$ cfm	Ps People	$\sum Pz$ People	D Ps / $\sum Pz$	Vou cfm	Vps cfm	Xs	Ev	Vot cfm	%OA Vot / Vps
<b>Alternative 1</b>												
Zone	Zone - 042	Cooling	12	1	1	1.00	7	12	0.570	1.000	7	57.0
		Heating	12	1	1	1.00	7	12	0.570	1.000	7	57.0
Zone	Zone - 043	Cooling	29	1	1	1.00	12	29	0.423	1.000	12	42.3
		Heating	29	1	1	1.00	12	29	0.423	1.000	12	42.3
Zone	Zone - 044	Cooling	21	1	1	1.00	12	21	0.570	1.000	12	57.0
		Heating	21	1	1	1.00	12	21	0.570	1.000	12	57.0
Zone	Zone - 045	Cooling	178	16	16	1.00	102	178	0.570	1.000	102	57.0
		Heating	178	16	16	1.00	102	178	0.570	1.000	102	57.0
Zone	Zone - 046	Cooling	226	20	20	1.00	129	226	0.570	1.000	129	57.0
		Heating	226	20	20	1.00	129	226	0.570	1.000	129	57.0
Zone	Zone - 047	Cooling	125	11	11	1.00	71	125	0.570	1.000	71	57.0
		Heating	125	11	11	1.00	71	125	0.570	1.000	71	57.0
Zone	Zone - 048	Cooling	102	3	3	1.00	58	102	0.570	1.000	58	57.0
		Heating	102	3	3	1.00	58	102	0.570	1.000	58	57.0
Zone	Zone - 035	Cooling	37	1	1	1.00	21	37	0.570	1.000	21	57.0
		Heating	37	1	1	1.00	21	37	0.570	1.000	21	57.0
Zone	Zone - 034	Cooling	220	20	20	1.00	126	220	0.570	1.000	126	57.0
		Heating	220	20	20	1.00	126	220	0.570	1.000	126	57.0
Zone	Zone - 033	Cooling	134	12	12	1.00	76	134	0.570	1.000	76	57.0
		Heating	134	12	12	1.00	76	134	0.570	1.000	76	57.0
Zone	Zone - 032	Cooling	231	21	21	1.00	132	231	0.570	1.000	132	57.0
		Heating	231	21	21	1.00	132	231	0.570	1.000	132	57.0
Zone	Zone - 031	Cooling	122	11	11	1.00	70	122	0.570	1.000	70	57.0
		Heating	122	11	11	1.00	70	122	0.570	1.000	70	57.0
Zone	Zone - 030	Cooling	114	10	10	1.00	65	114	0.570	1.000	65	57.0
		Heating	114	10	10	1.00	65	114	0.570	1.000	65	57.0
Zone	Zone - 029	Cooling	112	10	10	1.00	64	112	0.570	1.000	64	57.0
		Heating	112	10	10	1.00	64	112	0.570	1.000	64	57.0

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AHU Location	Description		$\sum V_{pz}$ cfm	$P_s$ People	$\sum P_z$ People	$D$ $P_s / \sum P_z$	$V_{ou}$ cfm	$V_{ps}$ cfm	$X_s$	$E_v$	$V_{ot}$ cfm	%OA $V_{ot} / V_{ps}$
<b>Alternative 1</b>												
Zone	Zone - 028	Cooling	174	16	16	1.00	99	174	0.570	1.000	99	57.0
		Heating	174	16	16	1.00	99	174	0.570	1.000	99	57.0
Zone	Zone - 027	Cooling	173	16	16	1.00	99	173	0.570	1.000	99	57.0
		Heating	173	16	16	1.00	99	173	0.570	1.000	99	57.0
Zone	Zone - 026	Cooling	12	1	1	1.00	7	12	0.570	1.000	7	57.0
		Heating	12	1	1	1.00	7	12	0.570	1.000	7	57.0
Zone	Zone - 025	Cooling	21	1	1	1.00	12	21	0.570	1.000	12	57.0
		Heating	21	1	1	1.00	12	21	0.570	1.000	12	57.0
Zone	Zone - 024	Cooling	29	1	1	1.00	12	29	0.423	1.000	12	42.3
		Heating	29	1	1	1.00	12	29	0.423	1.000	12	42.3
Zone	Zone - 009	Cooling	60	3	3	1.00	34	60	0.570	1.000	34	57.0
		Heating	60	3	3	1.00	34	60	0.570	1.000	34	57.0
Zone	Zone - 049	Cooling	94	2	2	1.00	37	94	0.396	0.826	45	47.9
		Heating	94	2	2	1.00	37	94	0.396	0.826	45	47.9
Room	Unconditioned - phantom system	Cooling	0	0	0	0.00	0	0	0.000	0.000	0	0.0
		Heating	0	0	0	0.00	0	0	0.000	0.000	0	0.0

\* Apply Single Zone Ventilation Calculation

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## Ventilation Parameters

System	Zone	Room	Occupancy Category	Rp cfm / p	Pz People	Ra cfm/ft²	Az ft²	Vbz cfm	Std 170	— Cooling —		— Heating —	
									Min OA ach	Ez	Voz cfm	Ez	Voz cfm
<b>Alternative 1</b>													
		106 TEACHING KITCHEN	Office space	5.00	24.27	0.06	1,820	231		1.00	231	1.00	231
	Zone - 001			5.00	24.27	0.06	1,820	231			231		231
		108 SMALL GROUP	Conference/ meeting	5.00	11.00	0.06	242	70		1.00	70	1.00	70
	Zone - 002			5.00	11.00	0.06	242	70			70		70
		104 CONSULT	Conference/ meeting	5.00	5.87	0.06	129	37		1.00	37	1.00	37
	Zone - 003			5.00	5.87	0.06	129	37			37		37
		105 CONSULT	Conference/ meeting	5.00	5.84	0.06	129	37		1.00	37	1.00	37
	Zone - 004			5.00	5.84	0.06	129	37			37		37
		103 SMALL GROUP	Conference/ meeting	5.00	12.36	0.06	272	78		1.00	78	1.00	78
	Zone - 005			5.00	12.36	0.06	272	78			78		78
		101 ADMIN	Office space	5.00	0.80	0.06	114	11		1.00	11	1.00	11
		101A MENS	Corridors	0.00	0.17	0.06	50	3		1.00	3	1.00	3
		C1N CORRIDOR	Corridors	0.00	2.16	0.06	647	39		1.00	39	1.00	39
		101B WOMENS	Corridors	0.00	0.17	0.06	50	3		1.00	3	1.00	3
	Zone - 006			1.22	3.29	0.06	862	56			56		56
		100 MULTI FAMILY VISITATION	Conference/ meeting	5.00	12.18	0.06	974	119		1.00	119	1.00	119
		C1 CORRIDOR	Corridors	0.00	1.92	0.06	575	35		1.00	35	1.00	35
		111 MENS	Corridors	0.00	0.23	0.06	70	4		1.00	4	1.00	4
		126 WOMENS	Corridors	0.00	0.24	0.06	73	4		1.00	4	1.00	4
	Zone - 007			4.18	14.57	0.06	1,692	162			162		162
		109 LARGE GROUP	Conference/ meeting	5.00	24.64	0.06	542	156		1.00	156	1.00	156
	Zone - 008			5.00	24.64	0.06	542	156			156		156
		125 RECEPTION	Office space	5.00	3.37	0.06	483	46		1.00	46	1.00	46
		125A WOMENS	Corridors	0.00	0.23	0.06	68	4		1.00	4	1.00	4
		125B MENS	Corridors	0.00	0.17	0.06	51	3		1.00	3	1.00	3
	Zone - 010			4.47	3.77	0.06	602	53			53		53
		112 WAITING	Conference/ meeting	5.00	12.97	0.06	285	82		1.00	82	1.00	82
	Zone - 011			5.00	12.97	0.06	285	82			82		82
		113 SMALL GROUP	Conference/ meeting	5.00	11.91	0.06	262	75		1.00	75	1.00	75
	Zone - 012			5.00	11.91	0.06	262	75			75		75
		114 SMALL GROUP	Conference/ meeting	5.00	11.95	0.06	263	76		1.00	76	1.00	76

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## Ventilation Parameters

System Zone Room	Occupancy Category	Rp cfm / p	Pz People	Ra cfm/ft²	Az ft²	Vbz cfm	Std 170	— Cooling —		— Heating —	
							Min OA ach	Ez	Voz cfm	Ez	Voz cfm
<b>Alternative 1</b>											
Zone - 013		5.00	11.95	0.06	263	76			76		76
116 SMALL GROUP	Conference/ meeting	5.00	12.59	0.06	277	80		1.00	80	1.00	80
Zone - 014		5.00	12.59	0.06	277	80			80		80
117 LARGE GROUP	Conference/ meeting	5.00	21.05	0.06	463	133		1.00	133	1.00	133
Zone - 015		5.00	21.05	0.06	463	133			133		133
118 BREAK	Office space	5.00	1.23	0.06	176	17		1.00	17	1.00	17
118A STAFF RR	Corridors	0.00	0.20	0.06	60	4		1.00	4	1.00	4
Zone - 016		4.30	1.43	0.06	236	20			20		20
119 TEAMWORK	Office space	5.00	2.58	0.06	369	35		1.00	35	1.00	35
Zone - 017		5.00	2.58	0.06	369	35			35		35
120 CONSULT	Office space	5.00	0.90	0.06	129	12		1.00	12	1.00	12
Zone - 018		5.00	0.90	0.06	129	12			12		12
121 CONSULT	Office space	5.00	0.90	0.06	129	12		1.00	12	1.00	12
Zone - 019		5.00	0.90	0.06	129	12			12		12
123 MEDIUM GROUP	Conference/ meeting	5.00	16.00	0.06	352	101		1.00	101	1.00	101
Zone - 020		5.00	16.00	0.06	352	101			101		101
124 LARGE GROUP	Conference/ meeting	5.00	20.68	0.06	455	131		1.00	131	1.00	131
Zone - 021		5.00	20.68	0.06	455	131			131		131
122 PRINT	Office space	5.00	0.17	0.06	24	2		1.00	2	1.00	2
115 STORAGE	Corridors	0.00	0.41	0.06	123	7		1.00	7	1.00	7
C1S CORRIDOR	Corridors	0.00	2.62	0.06	787	47		1.00	47	1.00	47
Zone - 022		0.26	3.20	0.06	934	57			57		57
Chilled Beams-First		4.81	221.79	0.06	10,445	1,693			1,693		1,693
220 RECEPTION	Office space	5.00	2.98	0.06	426	40		1.00	40	1.00	40
Zone - 023		5.00	2.98	0.06	426	40			40		40
220A WOMENS	Corridors	0.00	0.21	0.06	64	4		1.00	4	1.00	4
220B MENS	Corridors	0.00	0.20	0.06	59	4		1.00	4	1.00	4
234 WAITING	Conference/ meeting	5.00	13.01	0.06	286	82		1.00	82	1.00	82
Zone - 036		4.85	13.42	0.06	410	90			90		90
221 LARGE GROUP	Conference/ meeting	5.00	20.82	0.06	458	132		1.00	132	1.00	132
Zone - 037		5.00	20.82	0.06	458	132			132		132

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								Ez	Voz cfm	Ez	Voz cfm
<b>Alternative 1</b>											
223 SMALL GROUP	Conference/ meeting	5.00	12.59	0.06	277	80		1.00	80	1.00	80
Zone - 038		5.00	12.59	0.06	277	80			80		80
224 CONFERENCE	Conference/ meeting	5.00	17.23	0.06	379	109		1.00	109	1.00	109
Zone - 039		5.00	17.23	0.06	379	109			109		109
225 BREAK	Office space	5.00	1.83	0.06	261	25		1.00	25	1.00	25
225C STAFF RR	Corridors	0.00	0.15	0.06	46	3		1.00	3	1.00	3
Zone - 040		4.61	1.98	0.06	307	28			28		28
227 TEAMWORK	Office space	5.00	2.59	0.06	370	35		1.00	35	1.00	35
Zone - 041		5.00	2.59	0.06	370	35			35		35
226 OFFICE	Office space	5.00	0.51	0.06	73	7		1.00	7	1.00	7
Zone - 042		5.00	0.51	0.06	73	7			7		7
228 CONSULT	Office space	5.00	0.90	0.06	129	12		1.00	12	1.00	12
Zone - 043		5.00	0.90	0.06	129	12			12		12
229 CONSULT	Office space	5.00	0.90	0.06	128	12		1.00	12	1.00	12
Zone - 044		5.00	0.90	0.06	128	12			12		12
231 MEDIUM GROUP	Conference/ meeting	5.00	16.09	0.06	354	102		1.00	102	1.00	102
Zone - 045		5.00	16.09	0.06	354	102			102		102
232 LARGE GROUP	Conference/ meeting	5.00	20.36	0.06	448	129		1.00	129	1.00	129
Zone - 046		5.00	20.36	0.06	448	129			129		129
233 SMALL GROUP	Conference/ meeting	5.00	11.27	0.06	248	71		1.00	71	1.00	71
Zone - 047		5.00	11.27	0.06	248	71			71		71
C2S CORRIDOR	Corridors	0.00	2.71	0.06	813	49		1.00	49	1.00	49
230 PRINT	Office space	5.00	0.17	0.06	24	2		1.00	2	1.00	2
222 STOR	Corridors	0.00	0.41	0.06	123	7		1.00	7	1.00	7
Zone - 048		0.25	3.29	0.06	960	58			58		58
C2N CORRIDOR	Corridors	0.00	0.15	0.06	45	3		1.00	3	1.00	3
200 WOMENS	Corridors	0.00	0.17	0.06	52	3		1.00	3	1.00	3
210 STOR	Corridors	0.00	0.14	0.06	43	3		1.00	3	1.00	3
216 STOR	Corridors	0.00	0.22	0.06	66	4		1.00	4	1.00	4
205 PRINT	Office space	5.00	0.19	0.06	27	3		1.00	3	1.00	3
201 MENS	Corridors	0.00	0.17	0.06	52	3		1.00	3	1.00	3

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							Min OA ach	Ez	Voz cfm	Ez	Voz cfm
<b>Alternative 1</b>											
212 STAFF RR	Corridors	0.00	0.17	0.06	52	3		1.00	3	1.00	3
Zone - 035		0.76	1.22	0.06	337	21			21		21
217 LARGE GROUP	Conference/ meeting	5.00	19.86	0.06	437	126		1.00	126	1.00	126
Zone - 034		5.00	19.86	0.06	437	126			126		126
215 SMALL GROUP	Conference/ meeting	5.00	12.05	0.06	265	76		1.00	76	1.00	76
Zone - 033		5.00	12.05	0.06	265	76			76		76
214 LARGE GROUP	Conference/ meeting	5.00	20.86	0.06	459	132		1.00	132	1.00	132
Zone - 032		5.00	20.86	0.06	459	132			132		132
213 SMALL GROUP	Conference/ meeting	5.00	11.05	0.06	243	70		1.00	70	1.00	70
Zone - 031		5.00	11.05	0.06	243	70			70		70
211 CONFERENCE	Conference/ meeting	5.00	10.31	0.06	227	65		1.00	65	1.00	65
Zone - 030		5.00	10.31	0.06	227	65			65		65
202 SMALL GROUP	Conference/ meeting	5.00	10.14	0.06	223	64		1.00	64	1.00	64
Zone - 029		5.00	10.14	0.06	223	64			64		64
203 MEDIUM GROUP	Conference/ meeting	5.00	15.73	0.06	346	99		1.00	99	1.00	99
Zone - 028		5.00	15.73	0.06	346	99			99		99
204 MEDIUM GROUP	Conference/ meeting	5.00	15.64	0.06	344	99		1.00	99	1.00	99
Zone - 027		5.00	15.64	0.06	344	99			99		99
209 OFFICE	Office space	5.00	0.51	0.06	73	7		1.00	7	1.00	7
Zone - 026		5.00	0.51	0.06	73	7			7		7
207 CONSULT	Office space	5.00	0.90	0.06	128	12		1.00	12	1.00	12
Zone - 025		5.00	0.90	0.06	128	12			12		12
206 CONSULT	Office space	5.00	0.90	0.06	129	12		1.00	12	1.00	12
Zone - 024		5.00	0.90	0.06	129	12			12		12
208 TEAMWORK	Office space	5.00	2.52	0.06	360	34		1.00	34	1.00	34
Zone - 009		5.00	2.52	0.06	360	34			34		34
C2 CORRIDOR	Corridors	0.00	1.56	0.06	469	28		1.00	28	1.00	28
235 STOR	Corridors	0.00	0.05	0.06	14	1		1.00	1	1.00	1
219 IT	Corridors	0.00	0.46	0.06	138	8		1.00	8	1.00	8
Zone - 049		0.00	2.07	0.06	621	37			37		37
Chilled Beams-second		4.86	248.67	0.06	9,159	1,759			1,759		1,759



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## Ventilation Calculations for Cooling Design

System	Zone	Room	Box Type	Vpz cfm	Vfan cfm	Vdz cfm	Vpz-min cfm	Voz-clg cfm	Zd	Ep	Er	Fa	Fb	Fc	Evz
<b>Alternative 1</b>															
		106 TEACHING KITCHEN	Single Fan CV	384	384	384	384	231	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 001			384	384	384	384	231							1.000
		108 SMALL GROUP	Single Fan CV	116	116	116	116	70	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 002			116	116	116	116	70							1.000
		104 CONSULT	Single Fan CV	62	62	62	62	37	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 003			62	62	62	62	37							1.000
		105 CONSULT	Single Fan CV	62	62	62	62	37	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 004			62	62	62	62	37							1.000
		103 SMALL GROUP	Single Fan CV	130	130	130	130	78	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 005			130	130	130	130	78							1.000
		101 ADMIN	Single Fan CV	26	26	26	26	11	0.410	1.00	0.00	1.00	1.00	1.00	1.000
		101A MENS	Single Fan CV	5	5	5	5	3	0.600	1.00	0.00	1.00	1.00	1.00	0.950 *
		C1N CORRIDOR	Single Fan CV	65	65	65	65	39	0.600	1.00	0.00	1.00	1.00	1.00	0.950 *
		101B WOMENS	Single Fan CV	5	5	5	5	3	0.600	1.00	0.00	1.00	1.00	1.00	0.950 *
	Zone - 006			101	101	101	101	56							0.950
		100 MULTI FAMILY VISITATION	Single Fan CV	199	199	199	199	119	0.600	1.00	0.00	1.00	1.00	1.00	0.961 *
		C1 CORRIDOR	Single Fan CV	57	57	57	57	35	0.600	1.00	0.00	1.00	1.00	1.00	0.961 *
		111 MENS	Single Fan CV	20	20	20	20	4	0.205	1.00	0.00	1.00	1.00	1.00	1.000
		126 WOMENS	Single Fan CV	13	13	13	13	4	0.345	1.00	0.00	1.00	1.00	1.00	1.000
	Zone - 007			290	290	290	290	162							0.961
		109 LARGE GROUP	Single Fan CV	260	260	260	260	156	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 008			260	260	260	260	156							1.000
		125 RECEPTION	Single Fan CV	76	76	76	76	46	0.600	1.00	0.00	1.00	1.00	1.00	0.874 *
		125A WOMENS	Single Fan CV	23	23	23	23	4	0.176	1.00	0.00	1.00	1.00	1.00	1.000
		125B MENS	Single Fan CV	12	12	12	12	3	0.253	1.00	0.00	1.00	1.00	1.00	1.000
	Zone - 010			112	112	112	112	53							0.874
		112 WAITING	Single Fan CV	137	137	137	137	82	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 011			137	137	137	137	82							1.000
		113 SMALL GROUP	Single Fan CV	125	125	125	125	75	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 012			125	125	125	125	75							1.000
		114 SMALL GROUP	Single Fan CV	126	126	126	126	76	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 013			126	126	126	126	76							1.000
		116 SMALL GROUP	Single Fan CV	133	133	133	133	80	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *

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## Ventilation Calculations for Cooling Design

System Zone Room	Box Type	Vpz cfm	Vfan cfm	Vdz cfm	Vpz-min cfm	Voz-clg cfm	Zd	Ep	Er	Fa	Fb	Fc	Evz
<b>Alternative 1</b>													
Zone - 014		133	133	133	133	80							1.000
117 LARGE GROUP	Single Fan CV	222	222	222	222	133	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *
Zone - 015		222	222	222	222	133							1.000
118 BREAK	Single Fan CV	46	46	46	46	17	0.364	1.00	0.00	1.00	1.00	1.00	1.000
118A STAFF RR	Single Fan CV	6	6	6	6	4	0.600	1.00	0.00	1.00	1.00	1.00	0.791 *
Zone - 016		52	52	52	52	20							0.791
119 TEAMWORK	Single Fan CV	58	58	58	58	35	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *
Zone - 017		58	58	58	58	35							1.000
120 CONSULT	Single Fan CV	27	27	27	27	12	0.447	1.00	0.00	1.00	1.00	1.00	1.000 *
Zone - 018		27	27	27	27	12							1.000
121 CONSULT	Single Fan CV	20	20	20	20	12	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *
Zone - 019		20	20	20	20	12							1.000
123 MEDIUM GROUP	Single Fan CV	169	169	169	169	101	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *
Zone - 020		169	169	169	169	101							1.000
124 LARGE GROUP	Single Fan CV	218	218	218	218	131	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *
Zone - 021		218	218	218	218	131							1.000
122 PRINT	Single Fan CV	4	4	4	4	2	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *
115 STORAGE	Single Fan CV	12	12	12	12	7	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *
C1S CORRIDOR	Single Fan CV	79	79	79	79	47	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *
Zone - 022		95	95	95	95	57							1.000
<b>Chilled Beams-First</b>		<b>2,898</b>	<b>2,898</b>	<b>2,898</b>	<b>2,898</b>	<b>1,693</b>							<b>0.791</b>
220 RECEPTION	Single Fan CV	71	71	71	71	40	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
Zone - 023		71	71	71	71	40							1.000
220A WOMENS	Single Fan CV	36	36	36	36	4	0.106	1.00	0.00	1.00	1.00	1.00	1.000
220B MENS	Single Fan CV	21	21	21	21	4	0.172	1.00	0.00	1.00	1.00	1.00	1.000
234 WAITING	Single Fan CV	144	144	144	144	82	0.570	1.00	0.00	1.00	1.00	1.00	0.875 *
Zone - 036		201	201	201	201	90							0.875
221 LARGE GROUP	Single Fan CV	231	231	231	231	132	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
Zone - 037		231	231	231	231	132							1.000
223 SMALL GROUP	Single Fan CV	140	140	140	140	80	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
Zone - 038		140	140	140	140	80							1.000
224 CONFERENCE	Single Fan CV	191	191	191	191	109	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
Zone - 039		191	191	191	191	109							1.000

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## Ventilation Calculations for Cooling Design

System	Zone	Room	Box Type	Vpz cfm	Vfan cfm	Vdz cfm	Vpz-min cfm	Voz-clg cfm	Zd	Ep	Er	Fa	Fb	Fc	Evz
<b>Alternative 1</b>															
		225 BREAK	Single Fan CV	58	58	58	58	25	0.427	1.00	0.00	1.00	1.00	1.00	1.000
		225C STAFF RR	Single Fan CV	5	5	5	5	3	0.570	1.00	0.00	1.00	1.00	1.00	0.868 *
	Zone - 040			63	63	63	63	28							0.868
		227 TEAMWORK	Single Fan CV	62	62	62	62	35	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 041			62	62	62	62	35							1.000
		226 OFFICE	Single Fan CV	12	12	12	12	7	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 042			12	12	12	12	7							1.000
		228 CONSULT	Single Fan CV	29	29	29	29	12	0.423	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 043			29	29	29	29	12							1.000
		229 CONSULT	Single Fan CV	21	21	21	21	12	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 044			21	21	21	21	12							1.000
		231 MEDIUM GROUP	Single Fan CV	178	178	178	178	102	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 045			178	178	178	178	102							1.000
		232 LARGE GROUP	Single Fan CV	226	226	226	226	129	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 046			226	226	226	226	129							1.000
		233 SMALL GROUP	Single Fan CV	125	125	125	125	71	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 047			125	125	125	125	71							1.000
		C2S CORRIDOR	Single Fan CV	86	86	86	86	49	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
		230 PRINT	Single Fan CV	4	4	4	4	2	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
		222 STOR	Single Fan CV	13	13	13	13	7	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 048			102	102	102	102	58							1.000
		C2N CORRIDOR	Single Fan CV	5	5	5	5	3	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
		200 WOMENS	Single Fan CV	5	5	5	5	3	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
		210 STOR	Single Fan CV	5	5	5	5	3	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
		216 STOR	Single Fan CV	7	7	7	7	4	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
		205 PRINT	Single Fan CV	4	4	4	4	3	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
		201 MENS	Single Fan CV	5	5	5	5	3	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
		212 STAFF RR	Single Fan CV	5	5	5	5	3	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 035			37	37	37	37	21							1.000
		217 LARGE GROUP	Single Fan CV	220	220	220	220	126	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 034			220	220	220	220	126							1.000
		215 SMALL GROUP	Single Fan CV	134	134	134	134	76	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 033			134	134	134	134	76							1.000

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## Ventilation Calculations for Cooling Design

System Zone Room	Box Type	Vpz cfm	Vfan cfm	Vdz cfm	Vpz-min cfm	Voz-clg cfm	Zd	Ep	Er	Fa	Fb	Fc	Evz
<b>Alternative 1</b>													
214 LARGE GROUP	Single Fan CV	231	231	231	231	132	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
Zone - 032		231	231	231	231	132							1.000
213 SMALL GROUP	Single Fan CV	122	122	122	122	70	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
Zone - 031		122	122	122	122	70							1.000
211 CONFERENCE	Single Fan CV	114	114	114	114	65	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
Zone - 030		114	114	114	114	65							1.000
202 SMALL GROUP	Single Fan CV	112	112	112	112	64	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
Zone - 029		112	112	112	112	64							1.000
203 MEDIUM GROUP	Single Fan CV	174	174	174	174	99	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
Zone - 028		174	174	174	174	99							1.000
204 MEDIUM GROUP	Single Fan CV	173	173	173	173	99	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
Zone - 027		173	173	173	173	99							1.000
209 OFFICE	Single Fan CV	12	12	12	12	7	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
Zone - 026		12	12	12	12	7							1.000
207 CONSULT	Single Fan CV	21	21	21	21	12	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
Zone - 025		21	21	21	21	12							1.000
206 CONSULT	Single Fan CV	29	29	29	29	12	0.423	1.00	0.00	1.00	1.00	1.00	1.000 *
Zone - 024		29	29	29	29	12							1.000
208 TEAMWORK	Single Fan CV	60	60	60	60	34	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
Zone - 009		60	60	60	60	34							1.000
C2 CORRIDOR	Single Fan CV	49	49	49	49	28	0.570	1.00	0.00	1.00	1.00	1.00	0.826 *
235 STOR	Single Fan CV	1	1	1	1	1	0.570	1.00	0.00	1.00	1.00	1.00	0.826 *
219 IT	Single Fan CV	43	43	43	43	8	0.191	1.00	0.00	1.00	1.00	1.00	1.000
Zone - 049		94	94	94	94	37							0.826
<b>Chilled Beams-second</b>		<b>3,188</b>	<b>3,188</b>	<b>3,188</b>	<b>3,188</b>	<b>1,759</b>							<b>0.826</b>
UNCONDITIONED		0	0	0	0	0							0.000
<b>Unconditioned - phantom system</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>							<b>0.000</b>

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## Ventilation Calculations for Heating Design

System	Zone	Room	Box Type	Vpz cfm	Vfan cfm	Vdz cfm	Vpz-min cfm	Voz-htg cfm	Zd	Ep	Er	Fa	Fb	Fc	Evz
<b>Alternative 1</b>															
		106 TEACHING KITCHEN	Single Fan CV	384	384	384	384	231	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 001			384	384	384	384	231							1.000
		108 SMALL GROUP	Single Fan CV	116	116	116	116	70	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 002			116	116	116	116	70							1.000
		104 CONSULT	Single Fan CV	62	62	62	62	37	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 003			62	62	62	62	37							1.000
		105 CONSULT	Single Fan CV	62	62	62	62	37	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 004			62	62	62	62	37							1.000
		103 SMALL GROUP	Single Fan CV	130	130	130	130	78	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 005			130	130	130	130	78							1.000
		101 ADMIN	Single Fan CV	26	26	26	26	11	0.410	1.00	0.00	1.00	1.00	1.00	1.000
		101A MENS	Single Fan CV	5	5	5	5	3	0.600	1.00	0.00	1.00	1.00	1.00	0.950 *
		C1N CORRIDOR	Single Fan CV	65	65	65	65	39	0.600	1.00	0.00	1.00	1.00	1.00	0.950 *
		101B WOMENS	Single Fan CV	5	5	5	5	3	0.600	1.00	0.00	1.00	1.00	1.00	0.950 *
	Zone - 006			101	101	101	101	56							0.950
		100 MULTI FAMILY VISITATION	Single Fan CV	199	199	199	199	119	0.600	1.00	0.00	1.00	1.00	1.00	0.961 *
		C1 CORRIDOR	Single Fan CV	57	57	57	57	35	0.600	1.00	0.00	1.00	1.00	1.00	0.961 *
		111 MENS	Single Fan CV	20	20	20	20	4	0.205	1.00	0.00	1.00	1.00	1.00	1.000
		126 WOMENS	Single Fan CV	13	13	13	13	4	0.345	1.00	0.00	1.00	1.00	1.00	1.000
	Zone - 007			290	290	290	290	162							0.961
		109 LARGE GROUP	Single Fan CV	260	260	260	260	156	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 008			260	260	260	260	156							1.000
		125 RECEPTION	Single Fan CV	76	76	76	76	46	0.600	1.00	0.00	1.00	1.00	1.00	0.874 *
		125A WOMENS	Single Fan CV	23	23	23	23	4	0.176	1.00	0.00	1.00	1.00	1.00	1.000
		125B MENS	Single Fan CV	12	12	12	12	3	0.253	1.00	0.00	1.00	1.00	1.00	1.000
	Zone - 010			112	112	112	112	53							0.874
		112 WAITING	Single Fan CV	137	137	137	137	82	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 011			137	137	137	137	82							1.000
		113 SMALL GROUP	Single Fan CV	125	125	125	125	75	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 012			125	125	125	125	75							1.000
		114 SMALL GROUP	Single Fan CV	126	126	126	126	76	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 013			126	126	126	126	76							1.000
		116 SMALL GROUP	Single Fan CV	133	133	133	133	80	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *

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## Ventilation Calculations for Heating Design

System	Zone	Room	Box Type	Vpz cfm	Vfan cfm	Vdz cfm	Vpz-min cfm	Voz-htg cfm	Zd	Ep	Er	Fa	Fb	Fc	Evz
<b>Alternative 1</b>															
	Zone - 014			133	133	133	133	80							1.000
		117 LARGE GROUP	Single Fan CV	222	222	222	222	133	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 015			222	222	222	222	133							1.000
		118 BREAK	Single Fan CV	46	46	46	46	17	0.364	1.00	0.00	1.00	1.00	1.00	1.000
		118A STAFF RR	Single Fan CV	6	6	6	6	4	0.600	1.00	0.00	1.00	1.00	1.00	0.791 *
	Zone - 016			52	52	52	52	20							0.791
		119 TEAMWORK	Single Fan CV	58	58	58	58	35	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 017			58	58	58	58	35							1.000
		120 CONSULT	Single Fan CV	27	27	27	27	12	0.447	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 018			27	27	27	27	12							1.000
		121 CONSULT	Single Fan CV	20	20	20	20	12	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 019			20	20	20	20	12							1.000
		123 MEDIUM GROUP	Single Fan CV	169	169	169	169	101	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 020			169	169	169	169	101							1.000
		124 LARGE GROUP	Single Fan CV	218	218	218	218	131	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 021			218	218	218	218	131							1.000
		122 PRINT	Single Fan CV	4	4	4	4	2	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *
		115 STORAGE	Single Fan CV	12	12	12	12	7	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *
		C1S CORRIDOR	Single Fan CV	79	79	79	79	47	0.600	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 022			95	95	95	95	57							1.000
	<b>Chilled Beams-First</b>			2,898	2,898	2,898	2,898	1,693							0.791
		220 RECEPTION	Single Fan CV	71	71	71	71	40	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 023			71	71	71	71	40							1.000
		220A WOMENS	Single Fan CV	36	36	36	36	4	0.106	1.00	0.00	1.00	1.00	1.00	1.000
		220B MENS	Single Fan CV	21	21	21	21	4	0.172	1.00	0.00	1.00	1.00	1.00	1.000
		234 WAITING	Single Fan CV	144	144	144	144	82	0.570	1.00	0.00	1.00	1.00	1.00	0.875 *
	Zone - 036			201	201	201	201	90							0.875
		221 LARGE GROUP	Single Fan CV	231	231	231	231	132	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 037			231	231	231	231	132							1.000
		223 SMALL GROUP	Single Fan CV	140	140	140	140	80	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 038			140	140	140	140	80							1.000
		224 CONFERENCE	Single Fan CV	191	191	191	191	109	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 039			191	191	191	191	109							1.000

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System	Zone	Room	Box Type	Vpz cfm	Vfan cfm	Vdz cfm	Vpz-min cfm	Voz-htg cfm	Zd	Ep	Er	Fa	Fb	Fc	Evz
<b>Alternative 1</b>															
		225	BREAK	Single Fan CV	58	58	58	58	25	0.427	1.00	0.00	1.00	1.00	1.000
		225C	STAFF RR	Single Fan CV	5	5	5	5	3	0.570	1.00	0.00	1.00	1.00	0.868 *
	Zone - 040				63	63	63	63	28						0.868
		227	TEAMWORK	Single Fan CV	62	62	62	62	35	0.570	1.00	0.00	1.00	1.00	1.000 *
	Zone - 041				62	62	62	62	35						1.000
		226	OFFICE	Single Fan CV	12	12	12	12	7	0.570	1.00	0.00	1.00	1.00	1.000 *
	Zone - 042				12	12	12	12	7						1.000
		228	CONSULT	Single Fan CV	29	29	29	29	12	0.423	1.00	0.00	1.00	1.00	1.000 *
	Zone - 043				29	29	29	29	12						1.000
		229	CONSULT	Single Fan CV	21	21	21	21	12	0.570	1.00	0.00	1.00	1.00	1.000 *
	Zone - 044				21	21	21	21	12						1.000
		231	MEDIUM GROUP	Single Fan CV	178	178	178	178	102	0.570	1.00	0.00	1.00	1.00	1.000 *
	Zone - 045				178	178	178	178	102						1.000
		232	LARGE GROUP	Single Fan CV	226	226	226	226	129	0.570	1.00	0.00	1.00	1.00	1.000 *
	Zone - 046				226	226	226	226	129						1.000
		233	SMALL GROUP	Single Fan CV	125	125	125	125	71	0.570	1.00	0.00	1.00	1.00	1.000 *
	Zone - 047				125	125	125	125	71						1.000
		C2S	CORRIDOR	Single Fan CV	86	86	86	86	49	0.570	1.00	0.00	1.00	1.00	1.000 *
		230	PRINT	Single Fan CV	4	4	4	4	2	0.570	1.00	0.00	1.00	1.00	1.000 *
		222	STOR	Single Fan CV	13	13	13	13	7	0.570	1.00	0.00	1.00	1.00	1.000 *
	Zone - 048				102	102	102	102	58						1.000
		C2N	CORRIDOR	Single Fan CV	5	5	5	5	3	0.570	1.00	0.00	1.00	1.00	1.000 *
		200	WOMENS	Single Fan CV	5	5	5	5	3	0.570	1.00	0.00	1.00	1.00	1.000 *
		210	STOR	Single Fan CV	5	5	5	5	3	0.570	1.00	0.00	1.00	1.00	1.000 *
		216	STOR	Single Fan CV	7	7	7	7	4	0.570	1.00	0.00	1.00	1.00	1.000 *
		205	PRINT	Single Fan CV	4	4	4	4	3	0.570	1.00	0.00	1.00	1.00	1.000 *
		201	MENS	Single Fan CV	5	5	5	5	3	0.570	1.00	0.00	1.00	1.00	1.000 *
		212	STAFF RR	Single Fan CV	5	5	5	5	3	0.570	1.00	0.00	1.00	1.00	1.000 *
	Zone - 035				37	37	37	37	21						1.000
		217	LARGE GROUP	Single Fan CV	220	220	220	220	126	0.570	1.00	0.00	1.00	1.00	1.000 *
	Zone - 034				220	220	220	220	126						1.000
		215	SMALL GROUP	Single Fan CV	134	134	134	134	76	0.570	1.00	0.00	1.00	1.00	1.000 *
	Zone - 033				134	134	134	134	76						1.000

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System	Zone	Room	Box Type	Vpz cfm	Vfan cfm	Vdz cfm	Vpz-min cfm	Voz-htg cfm	Zd	Ep	Er	Fa	Fb	Fc	Evz
<b>Alternative 1</b>															
		214 LARGE GROUP	Single Fan CV	231	231	231	231	132	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 032			231	231	231	231	132							1.000
		213 SMALL GROUP	Single Fan CV	122	122	122	122	70	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 031			122	122	122	122	70							1.000
		211 CONFERENCE	Single Fan CV	114	114	114	114	65	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 030			114	114	114	114	65							1.000
		202 SMALL GROUP	Single Fan CV	112	112	112	112	64	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 029			112	112	112	112	64							1.000
		203 MEDIUM GROUP	Single Fan CV	174	174	174	174	99	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 028			174	174	174	174	99							1.000
		204 MEDIUM GROUP	Single Fan CV	173	173	173	173	99	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 027			173	173	173	173	99							1.000
		209 OFFICE	Single Fan CV	12	12	12	12	7	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 026			12	12	12	12	7							1.000
		207 CONSULT	Single Fan CV	21	21	21	21	12	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 025			21	21	21	21	12							1.000
		206 CONSULT	Single Fan CV	29	29	29	29	12	0.423	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 024			29	29	29	29	12							1.000
		208 TEAMWORK	Single Fan CV	60	60	60	60	34	0.570	1.00	0.00	1.00	1.00	1.00	1.000 *
	Zone - 009			60	60	60	60	34							1.000
		C2 CORRIDOR	Single Fan CV	49	49	49	49	28	0.570	1.00	0.00	1.00	1.00	1.00	0.826 *
		235 STOR	Single Fan CV	1	1	1	1	1	0.570	1.00	0.00	1.00	1.00	1.00	0.826 *
		219 IT	Single Fan CV	43	43	43	43	8	0.191	1.00	0.00	1.00	1.00	1.00	1.000
	Zone - 049			94	94	94	94	37							0.826
		<b>Chilled Beams-second</b>		3,188	3,188	3,188	3,188	1,759							0.826
		UNCONDITIONED		0	0	0	0	0							0.000
		<b>Unconditioned - phantom system</b>		0	0	0	0	0							0.000