

**Building Input**

Name	
Location	
Summer design temp.	95
Winter design temp.	-20
Room temp.	71
Leeway as %	10
Number of people	5@400
Ground temp.	50
Cooling air	50
Warming air	120

**Building**

Gain BTU	13318
Loss BTU	19430
Gain CFM	444
Loss CFM	367
Base Board	34
Tonnage	1.1

**Calculation Results**

**Room**

Label	Zone	Gain BTU	Gain CFM	Loss BTU	Loss CFM	Base Board
Room #1 Family		11318	377	19430	367	34

*Family Room only*

**Room Input**

Label	Ext Wall	height	floor sq. ft.	Zone
Room #1 Family	72	8	576	

**Building Input**

Name	
Location	nn
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Room temp.	71
Leeway as %	10
Number of people	5@400
Ground temp.	50
Cooling air	50
Warming air	120

**Building**

Gain BTU	29804
Loss BTU	49083
Gain CFM	992
Loss CFM	925
Base Board	88
Tonnage	2.5

**Calculation Results**

**Room**

Label	Zone	Gain BTU	Gain CFM	Loss BTU	Loss CFM	Base Board
Room #1 Family		11318	377	19430	367	34
Room #2 Dining		3094	103	4733	89	9
Room #3 Kitchen		4084	136	6249	118	11
Room #4 Entry		1019	34	3295	62	6
Room #5 Bath		1210	40	2509	47	5
Room #6 Bedroom 1		1803	60	3192	60	6
Room #7 Bedroom 2		2175	72	4468	84	8
Room #8 Master		3101	103	5207	98	9

*Complete house*

**Room Input**

Label	Ext Wall	height	floor sq. ft.	Zone
Room #1 Family	72	8	576	
Room #2 Dining	13	8	156	
Room #3 Kitchen	17	8	170	
Room #4 Entry	7	12	84	
Room #5 Bath	9	8	83	
Room #6 Bedroom 1	11	8	110	
Room #7 Bedroom 2	24	8	140	
Room #8 Master	25	8	144	