

I-B-R CALCULATION SHEET

INSTALLER _____ OWNER _____ DATE _____
 TYPE OF BUILDING _____ CONSTRUCTION _____

DESIGN TEMPERATURE DIFFERENCE _____ F.

COL. A		COL. B			COL. C			COL. D			COL. E			COL. F		
1	ROOM	H	W	L	H	W	L	H	W	L	H	W	L	H	W	L
2	ROOM DIMENSIONS, FT.															
3	LENGTH EXPOSED WALLS, FT.															
4	GROSS WALL AREA, SQ. FT.				BTUH REQUIRED				BTUH REQUIRED				BTUH REQUIRED			
5	GLASS AREA, SQ. FT.															
6	NET WALL AREA, SQ. FT.															
7	CEILING AREA, SQ. FT.															
8	FLOOR AREA, SQ. FT. †															
9	ROOM VOLUME FOR INFILTRATION CU. FT.															
10	TOTAL BTUH AT 70°F TEMP. DIFFERENCE*															
11	TOTAL BTUH AT DESIGN TEMP. DIFFERENCE															
12	HEAT DISTRIBUTING UNITS															

Room Totals from Line 11

B _____

C _____

D _____

E _____

F _____

G _____

COL. A		COL. G			COL. H			COL. I			COL. J			COL. K		
1	ROOM	H	W	L	H	W	L	H	W	L	H	W	L	H	W	L
2	ROOM DIMENSIONS, FT.															
3	LENGTH EXPOSED WALLS, FT.															
4	GROSS WALL AREA, SQ. FT.				BTUH REQUIRED				BTUH REQUIRED				BTUH REQUIRED			
5	GLASS AREA, SQ. FT.															
6	NET WALL AREA, SQ. FT.															
7	CEILING AREA, SQ. FT.															
8	FLOOR AREA, SQ. FT. †															
9	ROOM VOLUME FOR INFILTRATION CU. FT.															
10	TOTAL BTUH AT 70°F TEMP. DIFFERENCE*															
11	TOTAL BTUH AT DESIGN TEMP. DIFFERENCE															
12	HEAT DISTRIBUTING UNITS															

TOTAL BTUH OF BUILDING AT DESIGN TEMP. DIFFERENCE

K _____

*INCREASE BATHROOM TOTAL 30%

†FOR CONCRETE FLOOR ON GROUND OR FILL AT GRADE LEVEL, USE LINEAR FEET OF EXPOSED EDGE

Manual J Load Calculation Spreadsheet

Tobias Bleicker



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and lipids occurs on the surface and inside the folds lumen

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