

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.		BTUH REQUIRED			BTUH REQUIRED			BTUH REQUIRED			BTUH REQUIRED			BTUH REQUIRED		
4 GROSS WALL AREA, SQ. FT.																
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.		BTUH REQUIRED			BTUH REQUIRED			BTUH REQUIRED			BTUH REQUIRED			BTUH REQUIRED		
4 GROSS WALL AREA, SQ. FT.																
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

*INCREASE BATHROOM TOTAL 30%

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

Manual J Calculation Spreadsheet

Gordon Filby

A red circular graphic with a gradient, appearing as a semi-circle or a partial circle, located to the right of the author's name.

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Manual J - Residential Load Calculation Hank Rutkowski, 2011-11-01 Manual J 8th Edition is the national ANSI recognized standard for producing HVAC equipment sizing loads for single family detached homes small multi unit structures condominiums town houses and manufactured homes This new version incorporates the complete Abridged Edition of Manual J The manual provides quick supplemental details as well as supporting reference tables and appendices A proper load calculation performed in accordance with the Manual J 8th Edition procedure is required by national building codes and most state and local jurisdictions

Spreadsheets in Science and Engineering Gordon Filby, 2013-12-18 Spreadsheets in Science and Engineering shows scientists and engineers at all levels how to analyze validate and calculate data and how the analytical and graphic capabilities of spreadsheet programs ExcelR can solve these tasks in their daily work The examples on the CD ROM accompanying the book include material of undergraduate to current research level in disciplines ranging from chemistry and chemical engineering to molecular biology and geology

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Determination of the Radiological Impact of Radioisotope Waste Disposal, 1985 **Microsoft Works 3 for Windows for Dummies Quick Reference** Michael J. Partington, David C. Kay, 1994 Get up and running with Microsoft Works using this quick reference The author provides users with a quick but comprehensive research on the features of Microsoft Works Users can reference word processor database and spreadsheet commands plus shortcuts and tips for better results Cross referenced to Microsoft Works for Windows 3 for Dummies **West of East** Joensuun yliopisto, 1989 *Decennial Census Data for Transportation Planning*, 1995 This document summarizes a conference of state and metropolitan planners researchers public officials from all sectors of government and individuals from the private sector held to review the transportation community's experience with the 1990 census and to begin assessment of future needs and preparation of recommendations for the next census The proceedings are organized as follows Summary and Conclusions General Overview 4 papers Resource Papers Use of 1980 and 1990 Census Data 6 papers Workshop Reports Appendix A Highlights from 1994 Transportation Research Board Annual Meeting Sessions on 1990 Census C R Fleet Appendix B Census Transportation Planning Package Glossary Steering Committee Biographical Information and Participants **The Structural Engineer**, 1999 **Compute!'s Mastering PC Works** Brian Flynn, John J. Flynn, 1988 Microsoft's PC Works combines four programs word processing database spreadsheet and telecommunications in one integrated package This work guides the user into exploiting the full power of these programs going beyond the manual with real life examples and applications Energy

Saving Guide Zolton Cohen, 2006 ra This handy book teaches you how to conserve fuel and save money with your car and in your home ra It gives useful suggestions on driving efficiently and valuable tips on auto maintenance ra It provides a number of pointers on home heating air conditioning plumbing electricity water conservation and other essential housing needs ra It also describes the best ways to seal your home to keep it warm in winter and cool in summer **Modern Veterinary Practice** ,1987 Proceedings American Society for Engineering Education, 1985 **Submission and evaluation of pesticide residues data for the estimation of maximum residue levels in food and feed** Food and Agriculture Organization of the United Nations, 2018-09-04 This manual incorporates all relevant information and principles that are currently used by the Joint Meeting on Pesticide Residues to estimate maximum residue levels supervised trials median residue values and dietary risk from pesticide residues *The Illustrated Jazz Book* Taylor J. Barton, 1986

BizPlanBuilder Manuel J. Tarrazo, 1994 Running Microsoft Works for Windows 95 Neil J. Salkind, 1995 What used to be the user s guide that came in the box the documentation has now been incorporated into this newly redesigned Running book It provides all levels of Works for Windows users with a one stop example filled user guide and reference to Works for Windows 95 focusing on tasks and productivity for home and office **The Appraiser's Workbook** Charles B. Akerson, 1985

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