

Project Address: _____ Model: _____

Building Orientation: _____ Total Condition Floor Area: _____ # of Bedrooms: _____

(Print Owner)

(By: P.O.)

Mechanical Contractor: _____ *Johnson County License # _____

*A contractor license is not required if the information is being submitted by a design professional registered in the State of Kansas.

Contact Name: _____

Phone #: _____ Email: _____

Summary of Manual J and S Design Information

Design		Performance Equipment Capacity		
Winter Design Conditions				
Outdoor °F		Heating Equipment Manufacturer		
Indoor °F		Heating Equipment Model Number		
Total Calculated Heat Loss		Output BTLH at design conditions		
Summer Design Conditions				
Outdoor °F		Cooling Equipment Manufacturer		
Indoor °F		Outdoor Unit Model Number		
Entering RH		Total Cooling Capacity (q _T) (Btu/h)		
Total Heat Gain		Sensible Cooling Capacity (q _S) (Btu/h)		
Sensible Heat Gain		Latent Cooling Capacity (q _L) (Btu/h)		
Latent Heat Gain		Indoor Unit Model Number		
Sensible Heat Ratio (SHR)		Indoor Blower CFM (CFM used to determine capacity in manufacturer's performance data)		
Design Air Flow		Both Unit Roomer		
• See example below:		Between Heat Pump Balance Point and Total Heat Loss		
• Airflow should be at unit's MEDIUM fan speed				
		Auxiliary Heat (Check):		
		Electric Gas Oil		
NRC- Sensible Heat Gain Total Heat Gain	Sensible Heat Ratio versus Temperature Design Value			
	SHR	Recommended Temp. Design		
From Manual J Tables	From Manual J Local Calculations		From Equipment Performance Data	

Manual J Form

**United States. Congress. Senate.
Select Committee on Small Business**

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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 **Solar Energy Technology Handbook** E. W. Dickinson, 2018-05-04 The handbook for convenient use is divided into eight main units 1 The Solar Resource 2 Solar Thermal Collectors 3 Photovoltaics 4 Bioconversion 5 Wind Energy 6 Solar Energy Storage Systems 7 Applications of Solar Energy 8 Non technical Issues In addition there are three Appendixes containing unit conversion tables and useful solar data It became obvious early in this project that if proper coverage were to be given each of these areas it would be necessary to divide the handbook into two volumes The first six units constitute Part A Engineering Fundamentals and the last two units constitute Part B Applications Systems Design and Economics These volumes have been prepared primarily as reference books but it is felt that many of the sections will prove useful for practicing engineers scientists and students *Intermediate Minimum Property Standards for Solar Heating and Domestic Hot Water Systems* United States. Department of Housing and Urban Development, 1977 ,

HUD Minimum Property Standards: Solar heating and domestic hot water systems Center for Faith-Based and Community Initiatives (United States. Department of Labor), 1973 **Energy Research and Development and Small Business** United States. Congress. Senate. Select Committee on Small Business, 1975 *Building Technology* Benjamin Stein, 1996 The complete guide to building technology This comprehensive guide provides complete coverage of every aspect of the building technologist s profession It details design and installation procedures describes all relevant equipment and hardware and illustrates the preparation of working drawings and construction details that meet project specifications code requirements and industry standards The author establishes procedures for professional field inspections and equipment operations tests provides real world examples from both residential and nonresidential construction projects and makes specific references to code compliance throughout the text This new edition incorporates changes in building codes advances in materials and design techniques and the emergence of computer aided design CAD while retaining the logical structure and helpful special features of the first edition More than 1 100 drawings tables and photographs complement and illustrate discussions in the text Topics covered include Heating ventilating and air conditioning systems equipment and design Plumbing systems equipment and design Electrical and lighting systems equipment and design Testing adjusting and balancing procedures for all building systems Every aspect of the building technologist s profession from the creation of working drawings through on site supervision and systems maintenance Extensive appendices include conversion factors

duct design data test report forms for use in field work design forms and schedules for electrical HVAC and plumbing work and more

Energy Research and Development and Small Business: how much? How much more from small business? How soon? United States. Congress. Senate. Select Committee on Small Business,1975

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Hearings United States. Congress. Senate,1965

The Pennsylvania State Book and People's Manual John McMurray,1879

Supportive Housing for the Elderly, Conditional Commitment-final Closing United States. Department of Housing and Urban Development,1992

UNIMARC Manual Mirna Willer,2009 The UNIMARC Authorities Format was designed in the early 1990s to allow the creation of authority and reference records for the management of controlled access points in a bibliographic database Incorporated in this work is relevant information from other IFLA working groups and from UNIMARC users It is published under the auspices of the IFLA Cataloguing Section This is the 3rd completely updated and enlarged edition

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Many Pathways for Discovery Casey A. Mullin,2024 Many Pathways for Discovery is a manual for metadata practitioners learning music cataloging for the first time as well as a ready reference tool for more experienced practitioners It is intended to serve as a companion guide to general music cataloging instruction focusing on what has traditionally been considered the more advanced skillset of subject analysis It provides guidance for answering the W questions about music content What is it genre form What is it for or How is it performed medium of performance Who is it by and Who is it for demographic aspects When was it created chronological aspects Where was it created geographic aspects This book is primarily geared toward a metadata environment based on MARC 21 encoding and on vocabularies developed by the Library of Congress namely the Medium of Performance Thesaurus for Music LCMPT the Genre Form

Terms for Library and Archival Materials LCGFT and the Demographic Group Terms LCDGT Comparisons to legacy practices involving Library of Congress Subject Headings LCSH are included Additional chapters address encoding of faceted descriptors in Linked Data environments and on discovery possibilities for end users A bibliography of foundational and supplemental resources is provided *Plant Nutrition and Soil Fertility Manual* J. Benton Jones Jr., 2012-02-13 Like all living things plants require nutrient elements to grow The Plant Nutrition Manual describes the principles that determine how plants grow and discusses all the essential elements necessary for successful crop production The nutritional needs of plants that add color and variety to our visual senses are addressed as well Altogether nut Factory, 1927 Vols 24 no 3 v 34 no 3 include International industrial digest

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