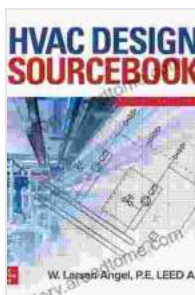


# Unleash the Power of HVAC Design with the Comprehensive "HVAC Design Sourcebook" by Larsen Angel

In the realm of building design, HVAC (Heating, Ventilation, and Air Conditioning) systems play a pivotal role in ensuring occupant comfort, health, and productivity. Crafting efficient, effective, and sustainable HVAC systems requires a comprehensive understanding of design principles and best practices. The "HVAC Design Sourcebook" by Larsen Angel emerges as an invaluable resource, offering a comprehensive guide to all aspects of HVAC design.

## Delving into the Scope of HVAC Design

The "HVAC Design Sourcebook" encompasses a vast array of topics essential for HVAC engineers, architects, contractors, and students. Its chapters provide in-depth coverage of:



### HVAC Design Sourcebook by W. Larsen Angel

★★★★☆ 4.3 out of 5

Language : English

File size : 16799 KB

Text-to-Speech : Enabled

Enhanced typesetting : Enabled

Print length : 400 pages

Screen Reader : Supported

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\* **Load Calculations:** Accurately determining the heating and cooling loads of a space is crucial for sizing HVAC systems. The book delves into various methods, including manual calculations and simulations. \* **System Selection:** The sourcebook guides readers through the selection of appropriate HVAC systems, considering factors such as space requirements, energy efficiency, and budget. \* **Equipment Selection:** Detailed information on selecting HVAC components, including fans, coils, ducts, and air distribution devices, ensures optimal performance and reliability. \* **Control Systems:** The book emphasizes the importance of control systems in maintaining indoor comfort and energy efficiency. It explores various types of control systems and their applications. \* **Energy Efficiency:** Sustainability is at the forefront of modern HVAC design. The sourcebook provides valuable strategies for reducing energy consumption and improving building performance. \* **Indoor Air Quality:** Ensuring good indoor air quality is essential for occupant health and productivity. The book discusses air filtration, ventilation, and other methods to improve IAQ.

## **Engaging Presentation for Enhanced Understanding**

The "HVAC Design Sourcebook" stands out for its engaging presentation style that facilitates easy understanding.

\* **Clear and Concise Text:** The book uses precise and accessible language, making even complex concepts easy to comprehend. \*

**Informative Diagrams and Illustrations:** Numerous diagrams, charts, and illustrations visually clarify technical concepts and design principles. \* **Real-**

**World Examples:** Practical examples and case studies demonstrate the application of design techniques in real-life projects. \* **Comprehensive**

**Appendices:** Appendices provide essential reference data, tables, and tools for quick access to information.

## The Expertise of Larsen Angel

The "HVAC Design Sourcebook" is authored by renowned HVAC expert Larsen Angel, who brings a wealth of experience to the table. With over 40 years in the industry, Angel has authored several authoritative HVAC publications and is a recognized leader in the field. His expertise ensures the book's credibility and depth of knowledge.

## Benefits for Professionals

The "HVAC Design Sourcebook" offers numerous benefits for professionals in the HVAC field:

\* **Comprehensive Reference:** The book serves as a one-stop resource for all aspects of HVAC design, providing a solid foundation for informed decisions. \* **Staying Current:** The sourcebook keeps professionals up-to-date with the latest industry trends and technologies, ensuring their design practices are cutting-edge. \* **Professional Development:** The book provides an excellent opportunity for HVAC engineers and technicians to enhance their skills and advance their careers.

The "HVAC Design Sourcebook" by Larsen Angel is an indispensable resource for anyone involved in HVAC design. Its comprehensive coverage, engaging presentation, and expert authorship make it an invaluable tool for professionals seeking to create efficient, effective, and sustainable HVAC systems. Invest in the "HVAC Design Sourcebook" and elevate your HVAC design knowledge to new heights.

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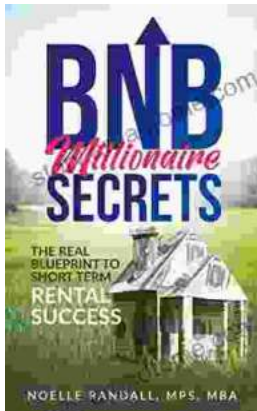
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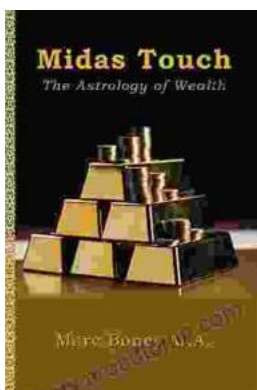
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