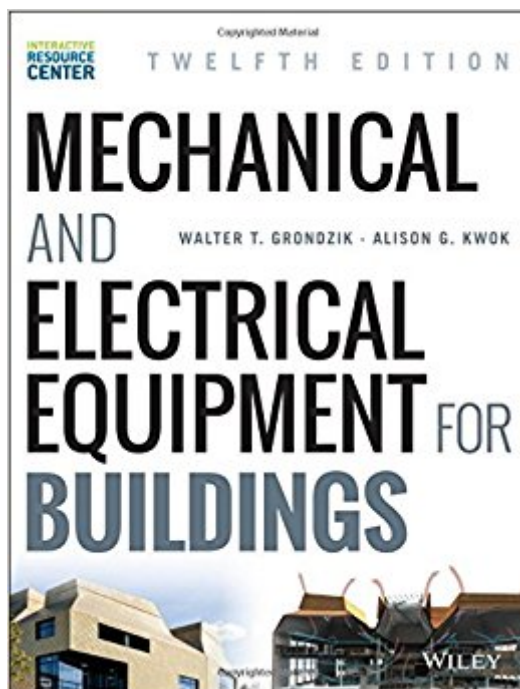


The book was found

Mechanical And Electrical Equipment For Buildings



Synopsis

The definitive guide to environmental control systems, updated with emerging technology and trends The Interactive Resource Center is an online learning environment where instructors and students can access the tools they need to make efficient use of their time, while reinforcing and assessing their understanding of key concepts for successful understanding of the course. An access card with redemption code for the online *Interactive Resource Center* is included with all new, print copies or can be purchased separately. (**If you rent or purchase a used book with an access code, the access code may have been redeemed previously and you may have to purchase a new access code ISBN: 978111899616-4). The online *Interactive Resource Center* contains resources tied to the book, such as: Interactive Animations Interactive Self-tests Interactive Flashcards Case Studies Respondus Testbank (instructors only) Instructor's Manual (over 200 pages) including additional resources (Instructors only) Roadmap to the 12th Edition (Instructors only) Student Guide to the Textbook

Mechanical and Electrical Equipment for Buildings, Twelfth Edition is the industry standard reference that comprehensively covers all aspects of building systems. With over 2,200 drawings and photographs, the book discusses basic theory, preliminary building design guidelines, and detailed design procedure for buildings of all sizes. The updated twelfth edition includes over 300 new illustrations, plus information on the latest design trends, codes, and technologies, while the companion website offers new interactive features including animations, additional case studies, quizzes, and more. Environmental control systems are the components of a building that keep occupants comfortable and help make the building work. *Mechanical and Electrical Equipment for Buildings* covers both active controls, like air conditioners and heaters, as well as passive controls like daylighting and natural ventilation. Because these systems comprise the entire energy use and costs of a building's life, the book stresses the importance of sustainability considerations during the design process, by both architects and builders. Authored by two leading green design educators, MEEB provides the most current information on low-energy architecture, including topics like: Context, comfort, and environmental resources Indoor air quality and thermal control Illumination, acoustics, and electricity Fire protection, signal systems, and transportation Occupant comfort and building usability are the most critical factors in the success of a building design, and with environmental concerns mounting, it's becoming more and more important to approach projects from a sustainable perspective from the very beginning. As the definitive guide to environmental control systems for over 75 years, *Mechanical and Electrical Equipment for Buildings* is a complete resource for students and professionals alike.

Book Information

Series: Mechanical and Electrical Equipment for Buildings

Hardcover: 1856 pages

Publisher: Wiley; 12 edition (October 6, 2014)

Language: English

ISBN-10: 1118615905

ISBN-13: 978-1118615904

Product Dimensions: 8.4 x 2.4 x 10.2 inches

Shipping Weight: 7 pounds (View shipping rates and policies)

Average Customer Review: 4.4 out of 5 stars 14 customer reviews

Best Sellers Rank: #4,944 in Books (See Top 100 in Books) #1 in Books > Crafts, Hobbies & Home > Home Improvement & Design > How-to & Home Improvements > Plumbing & Household Automation #3 in Books > Crafts, Hobbies & Home > Home Improvement & Design > How-to & Home Improvements > Design & Construction #5 in Books > Textbooks > Humanities > Architecture

Customer Reviews

THE DEFINITIVE GUIDE TO THE DESIGN OF ENVIRONMENTAL CONTROL SYSTEMS With over 2,200 drawings and photographs—more than 300 of them new to this edition—Mechanical and Electrical Equipment for Buildings covers basic theory, preliminary building design guidelines, and detailed design procedures for buildings of all sizes, and also provides information on the latest technologies, emerging design trends, and updated codes. In addition, the companion web site includes over 30 Interactive Animations, new case studies, a test bank in Respondus, and Instructor's Manual. For more than 75 years, this classic text has been the industry standard teaching and practice reference for building environmental control systems. Authored by two leading green design educators, this instructive reference provides the most current information on low-energy architecture, including: Context, comfort, and environmental resources Indoor air quality and thermal control Illumination, acoustics, and electricity Fire protection, signal systems, and transportation This completely updated and expanded Twelfth Edition continues to help prepare generations of students for their careers in architecture, architectural engineering, and construction management, and to supply professionals with in-depth information to assist them with their decision making in practice.

WALTER T. GRONDZIK, PE, LEED AP BD+C, is an architectural engineer and Professor of Architecture at Ball State University, Muncie, Indiana. Grondzik is a Fellow of ASHRAE, a Fellow of the American Solar Energy Society, and a past president of the Society of Building Science Educators and of the Architectural Research Centers Consortium. His research includes building commissioning, sustainability and high-performance building initiatives, and all areas of environmental control systems and their effects on buildings and occupants. ALISON G. KWOK, PHD, AIA, LEED AP BD+C, is an architect and Professor of Architecture at the University of Oregon, Eugene, teaching design studios, seminars in building performance, and environmental technology. Kwok is a Fellow of the American Solar Energy Society and a Certified Passive House Consultant. Her research includes identifying adaptive and mitigation strategies for climate change, thermal comfort, and building performance case studies.

This review is for the e-text version only. I bought this so I could use the book on my tablet and laptop. Initially, all was well. I can highlight and bookmark pages and I can search for text. But I cannot go to a page number that my professor specifies nor can I go to a chapter. I spend a lot of time hitting the enter key or my mouse button to scroll. On an open-book test, I searched for a word that I had to define and found the word in the index but because I couldn't go to that page (Kindle on my laptop and tablet only uses location, not page numbers) I was not able to look up the word. I have now bought the hard copy so it cost me twice as much. I would not buy the Kindle version of this until it is a fully operational, searchable, computer indexed e-text. This is not a fictional book that you will read from cover to cover. You will need to use the search properties. The book itself is a must have - suck up having to carry that monster of a book around and get the hard copy until they fix the e-text version.

The professor who the book was ordered for was very happy with it. The book arrived on the date given.

I rent the book, very good book and I rent it only for \$15 , Thank u

Very Good

Excellent textbook in excellent condition. Couldn't be more pleased.

Good book!

It was a brand new book with the code for at least \$60 less than retail.

great book

[Download to continue reading...](#)

Mechanical and Electrical Equipment for Buildings Mechanical and Electrical Equipment for Buildings, 10th Edition Round Buildings, Square Buildings, and Buildings that Wiggle Like a Fish (A Borzoi book) Round Buildings, Square Buildings, and Buildings that Wiggle Like a Fish IEEE Guide to the Collection and Presentation of Electrical, Electronic, Sensing Component, and Mechanical Equipment Reliability Data for Nuclear-Pow (IEEE Std 500-1977) Mechanical and Electrical Systems in Buildings (5th Edition) Design of Mechanical and Electrical Systems in Buildings Mechanical and Electrical Systems in Buildings (3rd Edition) Mechanical & Electrical Systems in Buildings (4th Edition) Code Check Plumbing & Mechanical 4th Edition: An Illustrated Guide to the Plumbing and Mechanical Codes (Code Check Plumbing & Mechanical: An Illustrated Guide) Jane's Airport & Atc Equipment 1993-94 (Jane's Airport Equipment and Services) Jane's Airports Equipment & Services 2004-2005 (Jane's Airport Equipment and Services) Jane's Airports Equipment & Services 2005-06 (Jane's Airport Equipment and Services) Understanding Anesthesia Equipment (Dorsch, Understanding Anesthesia Equipment) Buildings of Virginia: Tidewater and Piedmont (Buildings of the United States) (Vol 1) Energy Conservation in the Design of Multi-Storey Buildings: Papers Presented at an International Symposium Held at the University of Sydney from 1 to ... the Council for Tall Buildings and Urban Hab Reference Manual to Mitigate Potential Terrorist Attacks Against Buildings: Providing Protection to People and Buildings (Risk Management) 1000 Facts on Buildings & Transportation (Cars, Trains, Planes, Ships and Boats, Buildings, Great Monuments) Twenty-Five Buildings Every Architect Should Understand: a revised and expanded edition of Twenty Buildings Every Architect Should Understand (Volume 2) Chicago's famous buildings; a photographic guide to the city's architectural landmarks and other notable buildings

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)