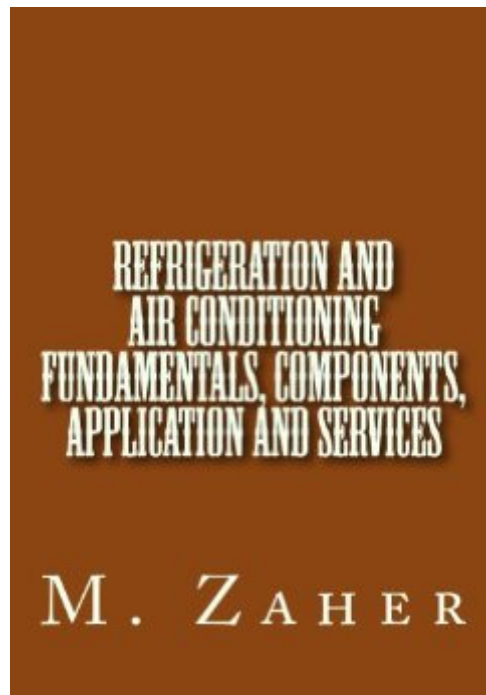


The book was found

Refrigeration And Air Conditioning Fundamentals, Components, Application And Services



Synopsis

The use of refrigeration, either directly or as part of an air-conditioning system, is essential to almost every branch of industry. A complete up-to-date guide to refrigeration and Air-conditioning is fully endorsed to cover the latest techniques, tools, refrigerants, and equipment. The book provides a thorough introduction to the basic principles and practices of refrigeration and air-conditioning industry. Step-by-step instructions, along with vivid figures, demonstrate efficient and current methods for choosing, installing, maintaining, servicing, and repair today's cooling and climate control systems. Figures and diagrams were specially prepared in order to illustrate key ideas, relevant concepts and explain general types of components. The book provides a comprehensive introduction to the principles and practice of refrigeration and air-conditioning and is designed to serve many purposes: It can be used for undergraduate courses, graduate courses, intensive short courses, in-put training, self-study, and as a useful reference text for engineers and maintenance personnel. The text help engineering students develop an intuitive understanding of refrigeration and air-conditioning by emphasizing the physics. The book comprises ten chapters covering various fundamental physical concepts, with a separate section on SI units, and provides tools which can be used to answer directly practical problems. It also provides information about different components within the refrigeration and air-conditioning systems and their application in food processing, aircraft and automotive systems. Application of solar powered refrigeration and air-conditioning with new trends using High Temperature Superconductors (HTS) is also included. Reference to refrigeration and air-conditioning engineering services include testing methods and equipment, start-up, troubleshooting and safety. The book aims to be simple as is compatible with a reasonable complete treatment of the subject. It is not the intent of this book to present a complete literature survey. Some pertinent literature and reference books are listed so the reader can pursue topics in more depth, if he/she so desires. If this book results in the better education of many more people in the field of refrigeration and air-conditioning, particularly the young people in colleges / universities and in a greater awareness of the cost as well as of the means for successful application, this book will have served its major purpose.

Book Information

File Size: 4658 KB

Print Length: 206 pages

Publisher: M. Zaher (November 23, 2013)

Publication Date: November 23, 2013

Sold by: Digital Services LLC

Language: English

ASIN: B00GVE86IW

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Enabled

Best Sellers Rank: #320,386 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #121

in Books > Crafts, Hobbies & Home > Home Improvement & Design > How-to & Home

Improvements > Heating, Ventilation & Air Conditioning #222 in Kindle Store > Kindle eBooks >

Engineering & Transportation > Engineering > Mechanical #1445 in Books > Engineering &

Transportation > Engineering > Construction

Customer Reviews

I graduated from Army refrigeration school 27 years ago, and never worked in the field. I have an opportunity to work for the refrigeration department of the company that I've worked for since 1989, and wanted to brush up on some terms and principles. This book was very helpful in doing that.

It ok get what you pay for

Great book

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

Refrigeration and Air Conditioning Fundamentals, Components, Application and Services Air Fryer Cookbook: Delicious and Favorite recipes - pictures are taken by hand (Air Fryer Recipe Book, Air Fryer Cooking, Air Fryer Oven, Air Fryer Baking, Air Fryer Book, Air Frying Cookbook) Air Plants: A Beginners Guide To Understanding Air Plants, Growing Air Plants and Air Plant Care (Air Plants, Ornamental Plants, House Plants) Manual de refrigeracion y aire acondicionado/ Refrigeration and Air Conditioning Guide (Como Hacer Bien Y Facilmente/ How to Do It Right and Easy) (Spanish Edition) Lab Manual for Whitman/Johnson/Tomczyk/Silberstein's Refrigeration and Air Conditioning Technology, 7th Lab Manual for Tomczyk/Silberstein/ Whitman/Johnson's Refrigeration and Air Conditioning Technology, 8th Tecnologia de refrigeracion y aire acondicionado, Tomo 4 / Refrigeration and Air Conditioning Technology, Vol. 4 (Spanish Edition) Refrigeraci3n comercial,

doméstica, industrial y aire acondicionado / Commercial refrigeration, domestic, industrial and air conditioning (Spanish Edition) Tecnología de refrigeración y aire acondicionado / Refrigeration and Air Conditioning Technology, Vol. 3 (Spanish Edition) Tecnología de refrigeración y aire acondicionado / Refrigeration & Air Conditioning Technology: Conceptos, procedimientos y técnicas de localización ... troubleshooting techniques (Spanish Edition) Tecnología de refrigeración y aire acondicionado / Refrigeration & Air Conditioning Technology (Spanish Edition) TOMO II Step by Step How to replace a condenser fan motor on a HVAC refrigeration unit, heat pump, air conditioner Complete Conditioning for Swimming (Complete Conditioning for Sports Series) Complete Conditioning for Hockey (Complete Conditioning for Sports Series) Complete Conditioning for Soccer, Enhanced Edition (Complete Conditioning for Sports) Complete Conditioning for Volleyball (Complete Conditioning for Sports Series) Conditioning For Racquet Sports: Tennis, Racquetball, Handball, Squash, Platform Tennis, Jai Alai (Dr. Fred Hatfield's Sport Specific Conditioning Series) Fundamentals of Case Management Practice: Skills for the Human Services (HSE 210 Human Services Issues) GoWISE Air Fryer Cookbook: 101 Easy Recipes and How To Instructions for Healthy Low Oil Air Frying and Baking (Air Fryer Recipes and How To Instructions) Air Fryer Cookbook - Secrets of Air Frying. 50 Amazing Air Fryer Recipes for Easy and Delicious Meals

[Dmca](#)