

Frictionless Compressor Technology

Modern Utilization of Infrared Technology VI
Encyclopedia of science & technology
Advanced Topics in Turbomachinery Technology
Science & Technology in Japan
Applied Science & Technology Index
International Aerospace Abstracts
Refrigeration and Air Conditioning Technology
Encyclopedia of Physical Science and Technology
Annual Index/Abstracts of Sae Technical Papers, 2000
ASME Technical Papers
Basic Principles and Calculations in Process
Technology
Technology Reports
Refrigeration and Air Conditioning Technology
McGraw-Hill Encyclopedia of Science & Technology
Consulting-specifying Engineer
Sulzer Technical Review
Technical Literature Abstracts
Technology Week
Machine Design
Food Engineering
Progress in Refrigeration
Science and Technology
Polish Economic Survey
Foundry Management & Technology
Technology Reports of Kansai University
SAE Technical Paper Series
Process Technology International
Evaluation of Compressed Natural Gas (CNG) Fueling Systems
Aviation Week and Space Technology
Electro-technology
Technical Advances in Gas Turbine Design
McGraw-Hill Basic Bibliography of Science and Technology
The Fundamentals of Gas Turbine Technology
Candidates and Priorities for Technology Assessments
Predicasts
Technology Update
Refrigeration and Air Conditioning Technology
Truck Technology International
Proceedings of the 45th Annual International Appliance Technical Conference
Proceedings of the Purdue Compressor Technology Conference
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Hill Encyclopedia of Science and Technology Building Industry Technology

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Annual Index/Abstracts of Sae Technical Papers, 2000

ASME Technical Papers

Refrigeration and Air Conditioning Technology, 6th Edition, a time-honored best seller, has been updated and revised to provide superior hands-on information needed to successfully maintain and troubleshoot today's complex heating, air conditioning, and refrigeration systems. The new sixth edition contains units updated to include advances or changes in technology, procedures, and or equipment. Over 250 new images have been added to emphasize the practical application approach to the book. It fosters a solid foundation and understanding of environmental problems and their solutions, and displays a depth and detail of theory, diagnostics, and repair procedures that make this a fitting book for basic HVAC-R education as well as upgrading and certification training for technicians in

the field. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Basic Principles and Calculations in Process Technology

Technology Reports

Refrigeration and Air Conditioning Technology

Online version: Technical papers portion of the SAE Digital Library references thousands of SAE Technical Papers covering the latest advances and research in all areas of mobility engineering including ground vehicle, aerospace, off-highway, and manufacturing technology. Sample coverage includes fuels and lubricants, emissions, electronics, brakes, restraint systems, noise, engines, materials, lighting, and more. Your SAE service includes detailed summaries, complete documents in PDF, plus document storage and maintenance

McGraw-Hill Encyclopedia of Science & Technology

Consulting-specifying Engineer

Sulzer Technical Review

Technical Literature Abstracts

Equip your students with the knowledge and skills they need to maintain and troubleshoot today's complex heating, air conditioning, and refrigeration systems. REFRIGERATION & AIR CONDITIONING TECHNOLOGY, Ninth Edition, is a time-honored best-seller offering the hands-on guidance, practical applications, and solid foundation your students need to understand modern HVAC service and repair, its environmental challenges, and their solutions. Focused on sustainable technology and emphasizing new technologies and green awareness, the Ninth Edition features the latest advances in the HVAC/R industry, including updated content throughout the text and more than 400 new and revised figures and images. Drawing on decades of industry experience, the authors also cover the all-important soft skills and customer relations issues that today's professionals need to master for career success. Memorable real-world examples, hundreds of vibrant photos, and unique Service Call features bring key concepts to life and help

students develop the knowledge and skills to succeed in today's dynamic industry. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Technology Week

Machine Design

Develop the knowledge and skills you need to maintain and troubleshoot today's complex heating, air conditioning, and refrigeration systems with REFRIGERATION AND AIR CONDITIONING TECHNOLOGY, 8th Edition. This practical, easy-to-understand book provides hands-on guidance, practical applications, and the solid foundation you need to fully understand today's HVAC service and repair, its environmental challenges, and their solutions. Focused on sustainable technology in today's HVAC/R industry with an emphasis on new technologies and green awareness, the 8th Edition covers the latest advances in the industry and the all-important soft skills and customer relations issues that impact customer satisfaction and employment success. Memorable examples, more than 260 supporting photos, and unique Service Call features bring concepts to life and help you develop the critical skills you need for success in your future career. Important

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Food Engineering

Progress in Refrigeration Science and Technology

Polish Economic Survey

Foundry Management & Technology

Technology Reports of Kansai University

SAE Technical Paper Series

Process Technology International

Evaluation of Compressed Natural Gas (CNG) Fueling Systems

Aviation Week and Space Technology

A Practical Guide to Physical and Chemical Principles and Calculations for Today's Process Control Operators In Basic Principles and Calculations in Process Technology, author T. David Griffith walks process technologists through the basic principles that govern their operations, helping them collaborate with chemical engineers to improve both safety and productivity. He shows process operators how to go beyond memorizing rules and formulas to understand the underlying science and physical laws, so they can accurately interpret anomalies and respond appropriately when exact rules or calculation methods don't exist. Using simple algebra and non-technical analogies, Griffith explains each idea and technique without calculus. He introduces each topic by explaining why it matters to process technologists and offers numerous examples that show how key principles are applied and calculations are performed. For end-of-chapter problems, he provides the solutions in plain-English discussions of how and why they work. Chapter

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appendixes provide more advanced information for further exploration. Basic Principles and Calculations in Process Technology is an indispensable, practical resource for every process technologist who wants to know “what the numbers mean” so they can control their systems and processes more efficiently, safely, and reliably. T. David Griffith received his B.S. in chemical engineering from The University of Texas at Austin and his Ph.D. from the University of Wisconsin-Madison, then top-ranked in the discipline. After working in research on enhanced oil recovery (EOR), he cofounded a small chemical company, and later in his career he developed a record-setting Electronic Data Interchange (EDI) software package. He currently instructs in the hydrocarbon processing industry. Coverage includes • Preparing to solve problems by carefully organizing them and establishing consistent sets of measures • Calculating areas and volumes, including complex objects and interpolation • Understanding Boyle’s Law, Charles’s Law, and the Ideal Gas Law • Predicting the behavior of gases under extreme conditions • Applying thermodynamic laws to calculate work and changes in gas enthalpy, and to recognize operational problems • Explaining phase equilibria for distillation and fractionalization • Estimating chemical reaction speed to optimize control • Balancing material or energy as they cross system boundaries • Using material balance calculations to confirm quality control and prevent major problems • Calculating energy balances and using them to troubleshoot poor throughput • Understanding fluid flow, including shear, viscosity, laminar and turbulent flows, vectors, and tensors • Characterizing the operation of devices that transport heat

energy for heating or cooling • Analyzing mass transfer in separation processes for materials purification

Electro-technology

Technical Advances in Gas Turbine Design

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