



E Source Technology Atlas Series

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Sample Pages

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Lighting Atlas

Chapter 7: Full-Sized Fluorescent Lighting

These pages offer an introduction to fluorescent lamp operation and lamp types, along with several figures and graphics.

Cooling Atlas

Chapter 8: Chilled Water Systems

This excerpt offers an introduction to chilled water cooling systems, including an introduction to system design issues.

Heating Atlas

Chapter 2: Understanding Comfort, Behavior, and Productivity

These pages from the "Context" section of the Heating Atlas discuss general thermal comfort issues that impact heating loads.

Drivepower Atlas

Chapter 10: Motor Repair

These pages discuss the issue of motor replacement vs. repair, and include a detailed graphic of an induction motor cutaway.

Appliances Atlas

Chapter 4: Refrigerators & Freezers

This excerpt provides end-use and market data for refrigerators and freezers, along with an overview of the basic types available.

The E Source Technology Atlas Series has earned international acclaim as the most comprehensive and definitive reference work on energy efficiency in buildings. Combining up-to-date technical information with practical case studies and application guidelines, the Technology Atlas Series is an essential resource for anyone involved in building operation.

The series includes five volumes--Lighting, Cooling, Heating, Drivepower, and Appliances--covering each of the primary areas of building energy use. Totaling over 1,700 pages, each volume in the Technology Atlas Series is packed with detailed illustrations, graphics, and photographs to help explain important concepts, along with a comprehensive index and extensive footnotes and cross-references--allowing you to locate precisely the information you need, when you need it.

Contents

Testimonials

"The Drivepower Atlas is the most comprehensive publication on electric motor efficiency in existence today. It should be required reading for facility engineers, maintenance persons, and engineering students in electrical and mechanical engineering. It will become the reference book on motors for the future."

Walter E. Johnston PE,
Former President, Association of Energy Engineers,
International Energy Manager of the Year

"The Lighting Atlas is extremely impressive, profoundly complete, unbiased, honest and clear. Reading it is like having a great conversation with someone who, for a change, knows what they are talking about. Even some of the most esoteric (albeit important) of today's topics are covered with clarity."

James Robert Benya, PE FIES,
President, Professional Lighting Design Studio

"The Cooling Atlas is right on target--it is unrivaled in terms of relevance, practicality, and simplicity, and is an excellent tool for owners, operators, and designers alike. I expect that it will become the most highly regarded engineering reference document in our office."

Dennis P. Blake,
Senior Vice President, LaSalle Partners

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