

Contents—2003 HVAC APPLICATIONS

COMFORT APPLICATIONS

- Chapter*
1. Residences
 2. Retail Facilities
 3. Commercial and Public Buildings
 4. Places of Assembly
 5. Hotels, Motels, and Dormitories
 6. Educational Facilities
 7. Health Care Facilities
 8. Justice Facilities
 9. Surface Transportation
 10. Aircraft
 11. Ships

INDUSTRIAL APPLICATIONS

- Chapter*
12. Industrial Air Conditioning
 13. Enclosed Vehicular Facilities
 14. Laboratories
 15. Engine Test Facilities
 16. Clean Spaces
 17. Data Processing and Electronic Office Areas
 18. Printing Plants
 19. Textile Processing Plants
 20. Photographic Material Facilities
 21. Museums, Libraries, and Archives
 22. Environmental Control for Animals and Plants
 23. Drying and Storing Selected Farm Crops
 24. Air Conditioning of Wood and Paper Product Facilities
 25. Power Plants
 26. Nuclear Facilities
 27. Mine Air Conditioning and Ventilation
 28. Industrial Drying Systems
 29. Ventilation of the Industrial Environment

30. Industrial Local Exhaust Systems
31. Kitchen Ventilation

ENERGY-RELATED APPLICATIONS

- Chapter*
32. Geothermal Energy
 33. Solar Energy Use
 34. Thermal Storage

BUILDING OPERATIONS AND MANAGEMENT

- Chapter*
35. Energy Use and Management
 36. Owning and Operating Costs
 37. Testing, Adjusting, and Balancing
 38. Operation and Maintenance Management
 39. Computer Applications
 40. Building Energy Monitoring
 41. Supervisory Control Strategies and Optimization
 42. New Building Commissioning

GENERAL APPLICATIONS

- Chapter*
43. Building Envelopes
 44. Building Air Intake and Exhaust Design
 45. Control of Gaseous Indoor Air Contaminants
 46. Design and Application of Controls
 47. Sound and Vibration Control
 48. Water Treatment
 49. Service Water Heating
 50. Snow Melting and Freeze Protection
 51. Evaporative Cooling Applications
 52. Fire and Smoke Management
 53. Radiant Heating and Cooling
 54. Seismic and Wind Restraint Design
 55. Electrical Considerations
 56. Codes and Standards