

2001 Fundamentals

(I-P Edition)

MAIN MENU
HELP
TERMINOLOGY

Contributors

Preface

Technical Committees and Task Groups

THEORY

- F01. Thermodynamics and Refrigeration Cycles
- F02. Fluid Flow
- F03. Heat Transfer
- F04. Two-Phase Flow
- F05. Mass Transfer
- F06. Psychrometrics
- F07. Sound and Vibration

GENERAL ENGINEERING INFORMATION

- F08. Thermal Comfort
- F09. Indoor Environmental Health
- F10. Environmental Control for Animals and Plants

- F11. Physiological Factors in Drying and Storing Farm Crops
- F12. Air Contaminants
- F13. Odors
- F14. Measurement and Instruments
- F15. Fundamentals of Control
- F16. Airflow Around Buildings

BASIC MATERIALS

- F17. Energy Resources
- F18. Combustion and Fuels
- F19. Refrigerants
- F20. Thermophysical Properties of Refrigerants
- F21. Physical Properties of Secondary Coolants (Brines)
- F22. Sorbents and Desiccants

More . . .

2001 Fundamentals

(I-P Edition)

- F23. Thermal and Moisture Control in Insulated Assemblies—Fundamentals
- F24. Thermal and Moisture Control in Insulated Assemblies—Applications
- F25. Thermal and Water Vapor Transmission Data

LOAD AND ENERGY CALCULATIONS

- F26. Ventilation and Infiltration
- F27. Climatic Design Information
- F28. Residential Cooling and Heating Load Calculations
- F29. Nonresidential Cooling and Heating Load Calculation Procedures
- F30. Fenestration
- F31. Energy Estimating and Modeling Methods

DUCT AND PIPE DESIGN

- F32. Space Air Diffusion
- F33. HVAC Computational Fluid Dynamics
- F34. Duct Design
- F35. Pipe Sizing

GENERAL

- F36. Abbreviations and Symbols
- F37. Units and Conversions
- F38. Physical Properties of Materials
- F39. Codes and Standards

INDEX

Back . . .