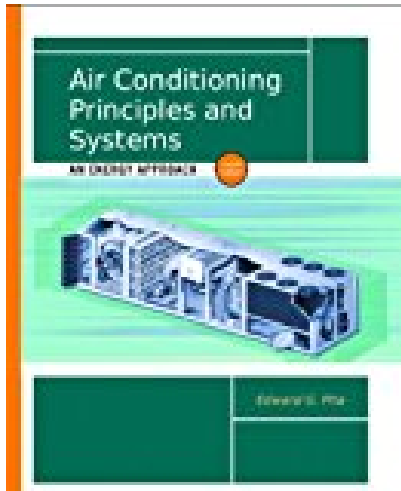


Air Conditioning Principles and Systems An Energy Approach 4th Edition



BOOK DETAILS

- Author : Edward G. Pita P.E.
- Pages : 524 Pages
- Publisher : Pearson
- Language : English
- ISBN : 0130928720

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BOOK SYNOPSIS

Using a minimum of mathematics, this book explores the fundamental concepts of air conditioning and their application to systems—explaining all concepts in a clear, practical manner, and focusing on problems and examples typically encountered on the job. This book contains the most recent and industry-wide accepted information on load calculations, design data, equipment information, and use of the Internet. Specific chapter topics cover the scope and uses of air conditioning; physical principles; heating loads; furnaces and boilers; hydronic piping systems and terminal units; cooling load calculations; psychrometrics; fluid flow in piping and ducts; piping, valves, ducts, and insulation; fans and air distribution devices; centrifugal pumps, expansion tanks, and venting; air conditioning systems and equipment; refrigeration systems and equipment; automatic controls; energy utilization and conservation; instrumentation, testing, and balancing; and planning and designing the HVAC system; and solar heating and cooling systems. For consulting engineers, mechanical contractors, HVAC engineers, designers, project managers, and facilities managers.

AIR CONDITIONING PRINCIPLES AND SYSTEMS AN ENERGY APPROACH 4TH EDITION

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