

Air conditioning principles and systems

Prentice Hall - Engineering Books: Air Conditioning Principles and Systems by Edward G. Pita



Description: -

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Water -- Pollution -- England -- Humber, River.

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Air conditioningAir conditioning principles and systems

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Notes: Includes index.

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Guide to HVAC Design, Theory of Operation, and Primary Components

The cooled air passes through a perforated membrane and loses its moisture in the condensed from which is collected in the sump. Readers will gain insight into the design, operation, and troubleshooting of new and existing air conditioning systems. Pita is Professor Emeritus and Adjunct Professor in the Environmental Control Technology Department at New York City Technical College of the City University of New York.

Guide to HVAC Design, Theory of Operation, and Primary Components

Now the conditioned air is supplied to the conditioned space by a fan. If the room is bigger in size, then two or more units are used.

Air Conditioning Principles and Systems : An Energy Approach by Edward Pita (1981, Hardcover) for sale online

If you have any questions about any topic you can ask in the comment section. If sufficient data of the required is not available, then it is assumed to be 21°C dry bulb temperature and 50% relative humidity. It also has got a desiccant which absorbs any moisture present in the refrigerant.

Air Conditioning

A significant effect of air conditioning is the removal of moisture-a result of cooling the air. Main trunks may be only six inches in diameter, with delivery ducts only three inches in diameter.

Central Air Conditioning

Why buy extra books when you can get all the homework help you need in one place? The ducts can also serve as pathways for cool air; this system is commonly known as central air conditioning. Piping, Valves, Ducts, and Insulation.

Air Conditioning Principles and Systems : An Energy Approach by Edward Pita (1997, Hardcover) for sale online

Solar Heating and Cooling Systems.

Pita, Air Conditioning Principles and Systems: An Energy Approach, 4th Edition

Centrifugal Pumps, Expansion Tanks, and Venting. Placing the thermostat too near an air outlet or return, for example, will also cause efficiency to suffer.

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