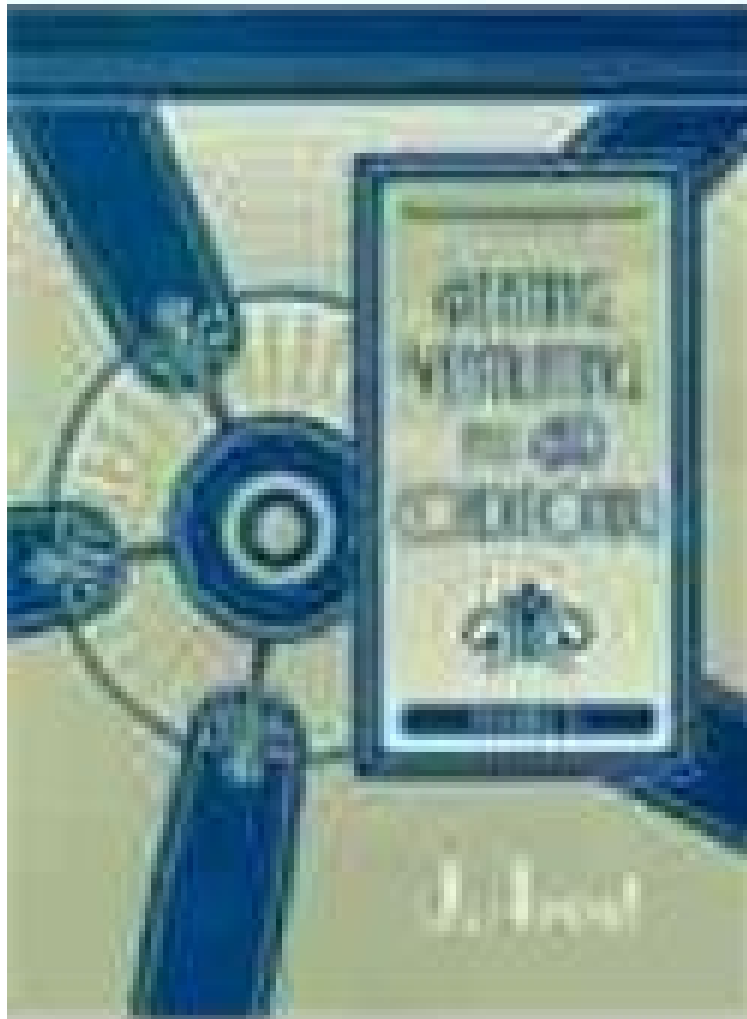


## Efficient Building Design Series, Volume 2: Heating, Ventilating, and Air Conditioning

*Frederick Trost*

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Helping building designers, developers, and constructors refine and improve their understanding of efficiency in building operation, this judicious, clear, and succinct book explains and details building heating and cooling requirements and ensuing utility costs, and proposes design opportunities and equipment choices that can produce comfortable, energy-efficient buildings. Quantifies building heat losses and gains, and describes heating-cooling operations. Integrates heating-cooling components with building structure and construction, providing specific building examples for heat/cool loads ; size air distribution components; HVAC options and HVAC zoning; annual heating/cooling costs. Evaluates energy conserving alternatives, and presents passive ("sustainable") design opportunities, such as solar control.

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