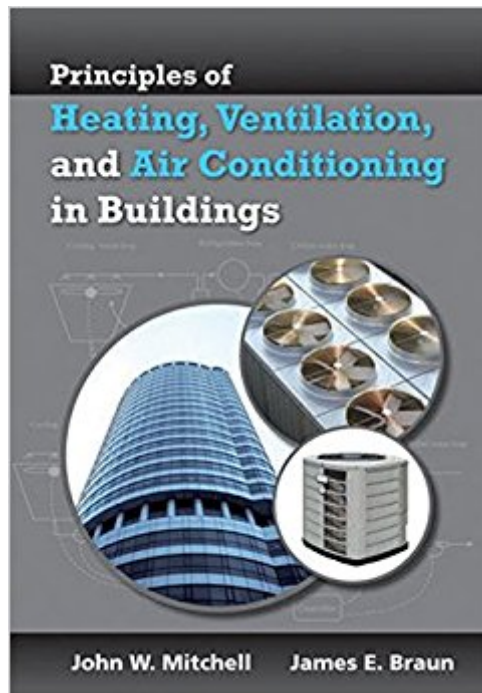




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Principles Of Heating, Ventilation, And Air Conditioning In Buildings



Synopsis

Heating Ventilation and Air Conditioning by J. W. Mitchell and J. E. Braun provides foundational knowledge for the behavior and analysis of HVAC systems and related devices. The emphasis of this text is on the application of engineering principles that features tight integration of physical descriptions with a software program that allows performance to be directly calculated, with results that provide insight into actual behavior. Furthermore, the text offers more examples, end-of-chapter problems, and design projects that represent situations an engineer might face in practice and are selected to illustrate the complex and integrated nature of an HVAC system or piece of equipment.

Book Information

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Customer Reviews

The only quality part about this textbook is the hardback cover. Contents are poorly laid out, hard to read should cost less for the quality of the paper/print used.

I've read many HVAC books and have worked in HVAC for several years. This is the best HVAC book I've read. It is the only book actually taking advantage of computers. This books complements the "Heat Transfer" and "thermodynamics" books by Nellis/Klein - but also is useful as standalone book. The knowledge level in this book is pretty high and very thorough. All necessary information is included, no unnecessary fluff. I devoured this book within a week because I could not stop reading it. Years ago I looked at HVAC books and always thought they are missing the point and I will need to write a book on my now to get it all right - until finally now there is a useful HVAC book.

This book is hard to read. The example problems are answered in engineering equation solver and many times it expects you to use the same software for solving practice problems. So, if you don't mind reading in computer programming script and you have EES then this might be a good book for you.

This is the best book on HVAC systems. It includes detailed explanations, governing equations and many examples to illustrate the theory and practice. Last but not least, it is very readable. I strongly suggest this book for the researchers, engineers in the field.

This is a very helpful and informative textbook for HVAC courses. I highly recommend it.

Very good and professional book. The book is more academic than a practical one, and to my opinion the target audience is engineering students, specializing in the field of HVAC. For engineers working in HVAC design, it is a good reference for theory and calculation of various problems.

Great book

Pretty good book for my first HVAC class, but in the first edition there are MANY typos and errors.

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