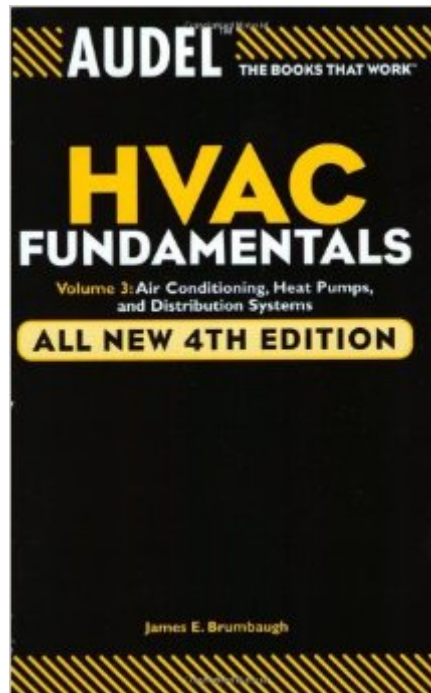


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# Audel HVAC Fundamentals, Volume 3: Air Conditioning, Heat Pumps And Distribution Systems



## Synopsis

Keep it cool or heat things up This third volume of Audel's HVAC Library gives you a comprehensive, hands-on guide to installing, servicing, and repairing all basic air-conditioning systems in both new and older construction. You'll also find complete coverage of specialized heating units-radiators, radiant heating systems, stoves, fireplaces, heat pumps, and indoor/outdoor pool heaters, plus fans, exhaust systems, air filters, and more. It's what you need to complete your HVAC reference library. \* Make accurate calculations for AC system output \* Tailor AC systems for older construction \* Learn to install and service today's popular electronic air cleaners and filters \* Service less common heating systems such as coal-fired furnaces \* Install, maintain, and repair humidifiers and dehumidifiers \* Handle radiators, convectors, and baseboard heating units

## Book Information

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## Customer Reviews

Not a very good book. The author James E. Brumbaugh must be recycling his information from the 1st edition. This book is very old school. The pictures are in black and white and seem to be recycled pictures from HVAC theory back in 1960's era. I would not recommend purchasing this book. I hope the author's next edition will be in color with more "new school" information such as a "Puron" reffridgerant techology, modern day HVAC servicing procedures such as "EPA Section 608" information, and more up to date pictures - take pictures of new housing and commercial construction, factory workers putting units together, and a technician working on a actual unit.

James E. Brumbaugh is very "old school".

I note the two earlier reviews saying this book is very old school, somewhat dated, and the figures are all black and white, lacks information on newer technology, such as Puro, etc. For a homeowner with very little previous knowledge who wanted to get a leg up on the area, though, this book was fine as a first read. Also note that the book isn't that expensive, especially if you're buying newer books, or more engineering level books, you can pay \$100 or more for those. So for me the book was all right. I needed a basic intro and this fit the bill. Also, the chapter on gas burners and heaters is the most extensive, which is what I have, at over 80 pages. The other chapters on oil, electric, hydronic, etc., are shorter, but gas is the most common and important these days. I also don't mind the black and white illustrations. I worked in the publishing industry for 7 years, and too often color is misused just for aesthetic effect in educational books and doesn't add to the clarity of the presentation. In that case, I would prefer to have a much cheaper black and white book since the cost of color illustrations is several times that of black and white. I found Brumbaugh's writing style clear and concise. Technical books can be monotonous and boring, but a good technical writer can minimize that problem, and Brumbaugh is more than competent at presenting the topic. At just under 700 pages including the index, it's a lot of information for a reasonable price. Overall, a pretty good value, and after reading this book, I feel comfortable going on to the more technical, more up to date volumes on the subject.

The controls section of this book needs to be updated, but 90% of the book is still relevant. The text tends to lag behind the images, but this book is packed with a ton of helpful information and plenty of pictures. If you're a mechanic and you're working with older equipment, maybe this book is exactly what you're looking for. This is the second book that I bought by Mr. Brumbaugh, and I noticed there's a little over lapping, but still, this book is a few bucks and what you'll get out of it is worth it.

Heat Pumps are one of the subjects my students have the greatest difficulty understanding well. This book has helped me provide them with another perspective and furnished me with an additional resource to guide them through the certification process.

676 pages. 160 pages on air conditioning. Title HVAC FUNDAMENTALS. Most of book on heat . radiant heat , floor heating, hydronic floor heating, hot water baseboard heat etc. Not what I was

expecting.

I didn't find these series of books very useful at all. I bought them when I first started out in the HVAC industry and they were no help to me. I wouldn't recommend them to anyone. Thanks!!!

This book had the information in it that I was looking for to solve the problem at hand. A worth while addition to a tech library

Needs updated with 21st century tech. Basic info is good and easy to follow for all readers. Three more words.

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Doolin's trouble shooters bible: Air conditioning, refrigeration, heat pumps, heating Audel HVAC Fundamentals, Volume 1: Heating Systems, Furnaces and Boilers HVACR 401: Heat Pumps (HVAC 401 Specialty Series) 2012 ASHRAE Handbook -- HVAC Systems and Equipment (I-P) - (includes CD in I-P and SI editions) (Ashrae Handbook Heating, Ventilating, and Air Conditioning Systems and Equipment Inch-Pound) Modern Refrigeration and Air Conditioning (Modern Refrigeration and Air Conditioning) ASHRAE Pocket Guide for Air Conditioning, Heating, Ventilation, Refrigeration, 8th edition - IP (Ashrae Pocket Guide for Air Conditioning, Heating, Ventilation and Refrigeration (Inch Pound)) Medium/Heavy Truck Test: Heating, Ventilation and Air Conditioning (Hvac) Systems (Test T7) (Delmar Learning's Ase Test Prep Series) The Renewable Energy Home Handbook: Insulation & energy saving, Living off-grid, Bio-mass heating, Wind turbines, Solar electric PV generation, Solar water heating, Heat pumps, & more DEWALT HVAC/R Professional Reference Master Edition (Enhance Your HVAC Skills!) DEWALT HVAC Code Reference: Based on the International Mechanical Code (Enhance Your HVAC Skills!) Air Conditioning Principles and Systems: An Energy Approach (4th Edition) Trucking Air Imports & Exports Freight Forwarding Style: WHAT IT TAKES TO PROVIDE TRUCKING FOR THE FREIGHT FORWARDER INDUSTRY FOR AIR EXPORT AND AIR IMPORTS Audel Millwrights and Mechanics Guide Audel Pipefitter's and Welder's Pocket Manual Heating, Ventilating and Air Conditioning Analysis and Design Modern Refrigeration and Air Conditioning Electricity for Refrigeration, Heating, and Air Conditioning Refrigeration and Air Conditioning Technology Refrigeration and Air Conditioning Technology (Available Titles CourseMate)

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