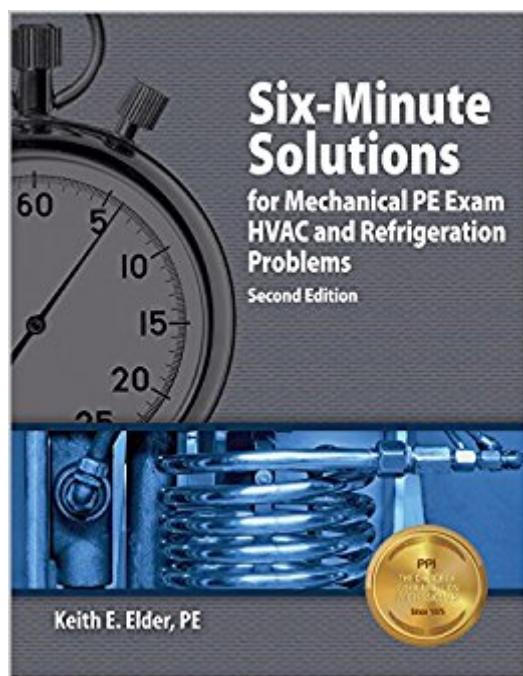


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# **Six-Minute Solutions For Mechanical PE Exam HVAC And Refrigeration Problems, 2nd Ed**



## **Synopsis**

Six-Minute Solutions prepares you to answer even the most difficult morning and afternoon HVAC and refrigeration problems in just minutes. Learning important strategies to solve these problems quickly and efficiently is the key to passing the mechanical PE exam. Six-Minute Solutions will help you pass with: 85 challenging multiple-choice problems, similar in format and difficulty to the actual exam. Two levels of difficulty: 20 morning (breadth) problems and 65 afternoon (depth) problems. A hint for each problem, to help you get started on the right path. Step-by-step solutions outlining how to answer problems quickly and correctly. Explanations of the three distracting • answer choices, so you can see where common errors occur and learn how to avoid them.

HVAC and Refrigeration Exam Topics Covered

- Compressible Flow
- Fluid Mechanics
- Supportive Knowledges
- Energy Balances
- Heat Transfer
- Systems
- Equipment and Components
- Psychometrics
- Thermodynamics

## **Book Information**

Series: Six-Minute Solutions

Paperback: 66 pages

Publisher: Professional Publications, Inc.; 2 edition (October 8, 2008)

Language: English

ISBN-10: 1591261465

ISBN-13: 978-1591261469

Product Dimensions: 10.8 x 8.3 x 0.2 inches

Shipping Weight: 6.4 ounces (View shipping rates and policies)

Average Customer Review: 4.3 out of 5 stars 25 customer reviews

Best Sellers Rank: #389,226 in Books (See Top 100 in Books) #118 in Books > Crafts, Hobbies & Home > Home Improvement & Design > How-to & Home Improvements > Heating, Ventilation & Air Conditioning #600 in Books > Education & Teaching > Higher & Continuing Education > Test Preparation > Professional > Professional #724 in Books > Textbooks > Engineering > Mechanical Engineering

## **Customer Reviews**

This book provides 85 questions that are very similar in length and quality to the kinds of problems you will find on the real exam. If nothing else it stresses the fact that you should be bringing your ASHRAE handbooks as well as possibly a few ASHRAE standards to the exam. I made myself take this exam 3 times before the real test date. Each time I sat myself down and actually took the

exam front to back only allowing myself two 4 hour sections to complete it. It really sharpens your timed test-taking skills. By the 2nd or 3rd time you take this test you should be able to finish the entire thing in 4-6 hours. At that point you should be wholly prepared to answer any exam question they'll throw at you in 6 minutes or less. I think I only saw 1 error in my book and it was minor and already covered in the errata.

Studying for the PE Exam, I used the Mechanical Engineering Reference Manual (MERM), "Practice Problems for the Mechanical Engineering PE Exam" and "Mechanical PE Sample Examination" by Lindeburg in addition to this book. I noticed that the level of difficulty of the questions in the books by Lindeburg was far greater than that of this book. However, after taking (and passing) the exam, I was pleasantly surprised to discover that the Six-Minute Solutions book accurately portrayed the actual exam questions, unlike the books by Lindeburg. My advice: use the MERM in conjunction with the Practice Problems by Lindeburg first, then move on to other practice problems / practice exams by Lindeburg. By this point, you'll be in full panic mode. Then, move on to this book last and realize that the exam won't be anywhere near as hard as Lindeburg made it seem! Good luck!

this book has 80 questions with solutions in it. 30 breadth, 30 concentration, and 20 applications (if I remember correctly). good overall questions. sometime the solutions could be more clear.

this is a good book to be used to find more problems to practice the exam. that's going to be the key to this exam is to find as many practice problems that you can. The one thing to consider for this book, which is a little frustrating, is that it only focuses on HVAC problems and doesn't include problems for the "breadth" portion.

Helped me pass the PE Exam from the 1st trial.

I found the questions harder than the actual test itself.

Thank you

This book pretty much stimulates the actual exam. There are some questions that go a little further than the actual exam but that's a good thing, isn't it? Worth the money!

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