



# Thermodynamics For Dummies

By Mike Pauken

John Wiley & Sons Inc. Paperback. Book Condition: new. BRAND NEW, Thermodynamics For Dummies, Mike Pauken, Take some heat off the complexity of thermodynamics Does the mere thought of thermodynamics make you sweat? It doesn't have to! This hands-on guide helps you score your highest in a thermodynamics course by offering easily understood, plain-English explanations of how energy is used in things like automobiles, airplanes, air conditioners, and electric power plants. \* Thermodynamics 101 take a look at some examples of both natural and man-made thermodynamic systems and get a handle on how energy can be used to perform work \* Turn up the heat discover how to use the first and second laws of thermodynamics to determine (and improve upon) the efficiency of machines \* Oh, behave get the 411 on how gases behave and relate to one another in different situations, from ideal-gas laws to real gases \* Burn with desire find out everything you need to know about conserving mass and energy in combustion processes Open the book and find: \* The laws of thermodynamics \* Important properties and their relationships \* The lowdown on solids, liquids, and gases \* How work and heat go hand in hand...



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