



Architectural Engineering Design: Mechanical Systems

By Robert Brown Butler

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Editorial Review

From the Back Cover

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For the first time in nearly 40 years, here is a completely new *professional handbook* for designing mechanical systems in architecture. Based on a thorough reexamination of all the old formulas and guidelines in light of the latest environmental research and digital technology, this volume provides essential criteria for designing PLUMBING, ELECTRIC, LIGHTING, CLIMATE CONTROL, and ACOUSTIC systems for any building, from total systems to tiny details.

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Together this thick volume and its accompanying disk offer you fingertip access to these invaluable aids and features:

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- * New and accurate formulas for infiltration loss, HVAC ducting, ground electrode systems, any light source, and many more design scenarios
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- * 330 illustrations and 52 sizing tables that summarize vital data
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ALL OF WHICH ADD UP TO EXTRAORDINARY BOTTOM-LINE BENEFITS!

About the Author

ROBERT BROWN BUTLER (Mahopac, NY) is a registered architect with more than 40 years of experience in commercial and residential design. He has worked in a wide variety of climates and is especially proficient in energy-efficient design. He is the author of *Standard Handbook of Architectural Engineering* and *Architectural Engineering Calculations Manual*.

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