



HVAC Design Sourcebook (Mechanical Engineering)

By W. Larsen Angel

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THE DEFINITIVE GUIDE TO HVAC DESIGN

This practical manual describes the HVAC system design process step by step using photographs, drawings, and a discussion of pertinent design considerations for different types of HVAC components and systems. Photographs of HVAC components in their installed condition illustrate actual size and proper configuration. Graphical representations of the components as they should appear on construction drawings are also included. Learn how to design HVAC systems accurately and efficiently from this detailed resource.

HVAC DESIGN SOURCEBOOK COVERS:

- The design process
- HVAC load calculations
- Codes and standards
- Coordination with other design disciplines
- Piping, valves, and specialties
- Central plant equipment and design
- Air system equipment and design
- Piping and ductwork distribution systems
- Terminal equipment
- Noise and vibration control
- Automatic temperature controls
- Construction drawings

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Editorial Review

About the Author

W. Larsen Angel, P.E., LEED-AP, is a principal in the MEP consulting engineering firm of Green Building Energy Engineers. He has worked in the MEP consulting engineering industry for over 20 years. He has contributed to the development of design standards and continues to find new ways to streamline the HVAC system design process. Larsen is a Member of the American Society of Heating, Refrigeration, and Air-Conditioning Engineers (ASHRAE) and is certified by ASHRAE as a Commissioning Process Management Professional (CPMP).

Users Review

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