

**HVAC
Design Guide
for
Tall Commercial Buildings**

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ABOUT THE AUTHOR

Donald Ross, *Fellow ASHRAE*, is a retired partner in the New York City-based mechanical and electrical consulting engineering firm of Jaros, Baum and Bolles. He has an extensive history in the design of tall commercial buildings throughout the world having been involved with the designs of the Sears Tower in Chicago (the tallest building in the United States), the Bank of China in Hong Kong (the tallest building outside the United States and the tallest building in Asia at the time of its construction), and the MesseTurm in Frankfurt, Germany (the tallest building in Europe at the time of its construction). He has had primary design responsibility for more than 200 office buildings, hotels, hospitals, laboratories, and other projects on five continents.

Mr. Ross received an A.B. (Liberal Arts) from Columbia College, a B.S. in mechanical engineering from the Columbia University School of Engineering, and an MBA in business administration from New York University. He has served ASHRAE as chairman of the Handbook Committee and TC 9.1 as well as being a member of several other ASHRAE committees. Beyond ASHRAE he is past president of the New York Association of Consulting Engineers and the Columbia Engineering School Alumni Association and served as Vice Chairman for North America of the Council on Tall Buildings and the Urban Habitat. He has been elected to membership in the National Academy of Engineering.

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