

An additional feature of THE GUIDE 1936 is the new table of saturated water vapor extending over a range from minus 130 to plus 200 F with heat content values based on the varying values of specific heat for air. As a result of a comprehensive survey of cities in the United States and Canada, a table has been added giving the maximum city water main temperatures. The degree-day table has been amplified so as to segregate the monthly values for each city.

Basic and fundamental data which have been added to THE GUIDE each year since its inception in 1922 has been retained with additions from research sources made necessary by the progress of the heating and ventilating art. The Problems in Practice which were a major innovation of the last edition of THE GUIDE have been retained with new and practical examples to expand and amplify the text matter of each one of the 44 chapters. Over 60 new illustrations, curves and charts have been added which enhances the value of the descriptive text material.

The increasing demand for copies of this book by universities, engineering and technical schools for student instruction indicates its recognition as the standard authority in the field of heating, ventilating and air conditioning.

In connection with the manufacturers' Catalog Data Section the Committee has made a more determined effort to carry out the original conception of having the descriptive material as free as possible from comparative statements and superlative terms, and to present therein such condensed technical information concerning modern equipment as will be of practical value to the user of THE GUIDE. In general, the manufacturers have cooperated fully to make their data useful, informative and serviceable, so that the user can apply it effectively in the selection of materials or equipment to be used in general design. The Committee appreciates the aid of those far-seeing manufacturers who have assisted in this cooperative enterprise to advance the art of heating, ventilating and air conditioning which so vitally affects the comfort, happiness and health of everyone. In 1936 it will be possible to distribute THE GUIDE to more than 12,000 users and it is extremely gratifying that a greater number of manufacturers recognize the effective service rendered by this reference volume and have increased their advertising space in order to carry the story of their products in greater detail to the thousands who use this book.

It is felt that a careful study of both text and catalog data pages will amply reward the user who desires to obtain reliable data in convenient form and it is hoped that the brevity and simplicity of the presentation will impress the user who requires a volume for quick reference.

The Committee releases this fourteenth edition of over 12,000 copies with the sincere hope that it will receive the same generous reception that was accorded to its predecessors and that users will find it the most valuable reference volume in their library.

G. L. Larson, Chairman
GUIDE PUBLICATION COMMITTEE

EDITORIAL ACKNOWLEDGMENT

SINCE 1922 THE GUIDE has held an enviable record as an authoritative reference volume for the heating, ventilating and air conditioning profession and its allied industries. Each year the Guide Publication Committee invites and receives the helpful assistance of hundreds of engineers and technicians who have in the past given willingly of their time and knowledge to improve the advancement of the profession.

It is with a profound feeling of appreciation that this Guide Publication Committee gratefully acknowledges the cooperative efforts of the following individuals who have contributed generously to the improvement of this 1936 edition.

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Those individuals who constantly use THE GUIDE and members of the Society are especially indebted to those engineers who have aided in the preparation of this edition and the Guide Publication Committee hereby expresses its sincere appreciation for the loyal cooperation of the several contributors to this volume.

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