

PREFACE TO THE 13th EDITION

THE ambitious plans of the Guide Publication Committee, embodying several innovations to extend the usefulness of this reference volume, have been incorporated in this 13th annual edition of THE AMERICAN SOCIETY OF HEATING AND VENTILATING ENGINEERS GUIDE. The process of reviewing, revising and reconstructing the Technical Data Section and then coordinating the complex subject matter of the 41 chapters has engaged the attention of over 200 members so that THE A.S.H.V.E. GUIDE 1935 will appeal to an increasing number of readers and give them comprehensive data that are authoritative and practical.

Basic and fundamental data have been retained from previous editions and in those divisions where changes in practice have been observed modifications have been made in the text to bring the material up-to-date. The text of THE GUIDE 1935 now comprises two major divisions: the subject matter of chapters and a supplementary section of the problems and answers. These problems and their solutions presented as an appendix to each chapter represent the interpretation of the text by a competent engineer whose analysis has been carefully reviewed by the Guide Publication Committee. It should be understood, however, that for certain general questions, more than one answer can be made so that the addition of these questions which represent problems in practice greatly broadens the scope of THE GUIDE and generally enhances its usefulness. As developments in the manufacturing field have produced new apparatus and new applications of equipment for automatic heat and air conditioning to improve comfort, those chapters of THE GUIDE which discuss such equipment as controls, air washers, unit conditioners, oil burners, stokers, etc., have been reviewed by representative committees of engineers from manufacturers' associations so that the latest developments in their respective fields could be included.

The original conception of THE GUIDE outlined by its founders has been carefully safeguarded and the aim of the Guide Publication Committee is to have THE GUIDE 1935 maintain its leadership, and continue in its role, as the recognized authority in the fields of heating, ventilating and air conditioning. Thousands of engineers, architects, contractors and students have come under the influence of THE GUIDE since its first appearance in 1922 and they have found the data authoritative for their work in design, specification writing, installation or operation of apparatus and systems.

The Catalog Data of manufacturers is nearly 40 per cent greater in this current edition indicating that THE GUIDE is also recognized as an effective advertising medium for promoting the use of modern equipment.

THE GUIDE 1935 contains 150 pages more than the preceding volume and the Guide Publication Committee release this 13th edition of 10,000 copies, as a major contribution by the Society toward the general advancement of the engineering profession and its allied industries in the field of heating, ventilating and air conditioning.

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Special mention is due the several Committee members who acted as division chairmen and who devoted long hours and gave generously of their knowledge without thought of compensation other than the satisfaction of contributing to the advancement of the profession. The work of J. L. Blackshaw as technical assistant in the detailed work of compilation was worthy of special acknowledgment.

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