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PREFACE

PROGRESS has been made each year in making a worthwhile contribution toward the dissemination of knowledge about heating and ventilating engineering and the Society's latest effort is THE GUIDE, 1926-27 which is the fifth of these annual editions for engineers, architects, contractors and others who are desirous of having a complete knowledge of the heating and ventilating art.

This fifth edition of THE GUIDE is by far the most comprehensive in the scope, value and usefulness of its data and contains the latest information on modern equipment. To compile this volume of scientific and useful facts the experience of the Society's members the results of its Research Laboratory investigations, and the work of others has been drawn upon and combined with established standard data in a simple, convenient and practical form for reference.

In the growth of THE GUIDE much new data has been added so that on its fifth anniversary it is notable that the Technical Data Section has been substantially increased, with data on entirely new subjects, many drawings have been added and the remaining data revised and brought up-to-the-minute. With new developments in the profession and industry now indicated constant changes in our standards will occur.

Those things which appear for the first time in THE GUIDE, 1926-27 are: a recommended standard set of symbols for drawings, chapters on greenhouse heating, hot blast heating, drying, mechanical draft, use of ozone in ventilation, data on building insulation and brief references to new radiator developments. Extensive revisions and additions have been made to the sections on steam heating, water supply systems, gas heating, oil heating, insulation, the ventilation section and the chapters on heating boilers and human comfort have been entirely rewritten.

All of this material has been cross-indexed in a comprehensive manner making this edition of greater usefulness to the user.

In connection with the MANUFACTURERS' CATALOG DATA SECTION a more determined effort has been made to carry out the original idea of having this data as free as possible from all unnecessary selling talk and to present therein only such technical information and instructions concerning each item of apparatus referred to as is of the greatest practical value to both the user and manufacturers, of this apparatus.

While desiring to provide the engineer, architect, contractor, estimator, purchasing agent and draftsman with a complete, convenient and reliable reference data book on modern heating and ventilating practice and equipment, THE GUIDE PUBLICATION COMMITTEE finds that as progress is made in the industry, changes will be necessary and each GUIDE WILL represent the best known engineering practice at the time of publication.

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