in solving psychrometric calculations. The Technical Advisory Committee on Psychrometry, functioning under the Committee on Research of the Society, which has furnished this chart, is now studying fundamental data and will later supply the figures upon which future GUIDE psychrometric tables and charts will be based. Thus the current chart may be considered an interim one, the partial purpose of which is to develop experience that will help in determining the final form.

Other Technical Advisory Committees of the Committee on Research have also contributed much information and advice that have been exceedingly valuable, and many members of the Society, acting individually or as committeemen, upon request or upon their own initiative, have given freely of their time and knowledge, in order that this book might best serve its purpose. Although the present text is largely carried over from past years, and credit for its composition is due to a large number of Society members, the following accepted and accomplished definite editorial work for this edition:

H. E. ADAMS	H. F. HUTZEL	T. F. ROCKWELL
H. H. ANGUS	L. P. HYNES	E. A. RUSSELL
F. R. BICHOWSKY	A. L. JAROS, JR.	J. B. SCHMIELER
R. C. CROSS	J. W. MAY	CLIFFORD STROCK
F. H. FAUST	JOSEPH MEYER	J. W. TURNER
M. B. FERDERBER	B. F. MCLOUTH	G. L. TUVE
R. E. HATTIS	D. W. NELSON	G. D. WINANS
R. H. HEILMAN	G. W. PENNEY	H. A. WAGNER
L. N. HUNTER		C.-E. A. WINSLOW

In addition to the extensive revisions to the Technical Section the Catalog Data Section has been rearranged to present manufacturers data in logical sequence under five general classifications: air conditioning, air system equipment, controls and instruments, heating systems and insulation. Each section has an introductory outline which will also be of assistance to the reader in locating pertinent data in the Technical Section. By thus creating a better coordination between the Technical and Catalog Sections it is expected that the reader can more quickly locate the correct type of equipment for a particular design and also assist the manufacturer in presenting more detailed and more suitable data for the specific application.

The Guide Publication is appreciative of the cooperation given by the manufacturers in furnishing useful catalog data and also acknowledges with heartfelt gratitude the help of all those who assisted in whatever way, and extends thanks to them in behalf of the readers.

GUIDE PUBLICATION COMMITTEE

F. C. MCINTOSH, *Chairman*

P. D. CLOSE — A. J. OFFNER
C. M. HUMPHREYS — S. S. SANFORD

JOHN JAMES, *Technical Secretary*

CONTENTS

HEATING • VENTILATING • AIR CONDITIONING • GUIDE 1940