American Society of Refrigerating Engineers

37 West 39th Street, New York, N. Y.

APPLICATIONS EDITION (Vol. II)
of the
REFRIGERATING DATA BOOK

THE REFRIGERATING DATA BOOK is now an essential tool in the refrigeration and air conditioning industries. Editions have been published in 1932, 1934, 1936 and 1938. The new 1940 Edition (Volume II) will be *entirely different* from any preceding volume. It will consist wholly of practical, how-it-is-done chapters on all the known applications of air conditioning and refrigeration. Thus the scope of its usefulness is enormous.

The *Applications Edition* will have a wide and popular appeal. It will carry information of a scientific and popular nature to the scores of industries using refrigeration processes. The 60 chapters will be divided into seven main sections devoted to freezing processses, refrigeration in processing, industrial air conditioning, industrial refrigeration, commercial refrigeration, comfort air conditioning, and storage refrigeration. If you need facts on the latest practice in anything from locker plants to air conditioning in mines or refrigeration in bread making, this book is the place to find them.

REFRIGERATING ENGINEERING

LONG acknowledged the most authoritative periodical in refrigeration, REFRIGERATING ENGINEERING has added steadily to the practical value of its contents, and its number of readers has grown in proportion. A wide variety of material is presented, all from the viewpoint of its usefulness to the reader in his own business. Up-to-date and attractive in appearance and style, this magazine is a *must* for men who keep in touch with all that is new and important in refrigeration and air conditioning.

APPLICATION DATA BULLETINS

AN outstanding addition to REFRIGERATING ENGINEERING during 1939 was the APPLICATION DATA Bulletins which appear regularly in each issue. These bulletins are also available separately at reasonable prices for single copies or quantity orders.

The APPLICATION DATA Bulletins tell precisely how refrigeration is used in various fields, giving examples and specific information on the best practice up to date. These subjects have been covered to date: refrigeration of locker plants, in fur storage, of liquids, of apples and pears, blower coils in refrigeration, refrigeration in restaurants, humidity in refrigeration, and refrigeration service charts.

CODES AND STANDARDS

THE A.S.R.E. further contributes to refrigeration progress by its participation in establishing codes and standards in the industry. Among the recent codes made available are: No. 13—Rating and Testing Air Conditioning Equipment; No. 14—Rating and Testing Mechanical Condensing Units; No. 15—Mechanical Refrigeration Safety Code; No. 16—Rating and Testing Self-Contained Air Conditioning Units; No. 17— Rating and Testing Refrigerant Expansion Valves; No. 18—Testing Drinking Water Coolers. Other codes are now in preparation.

MEMBERSHIP ACTIVITIES

IT is the policy of the A.S.R.E. to treat in its meetings current subjects touching upon all phases of the art of refrigeration. Membership is in two grades with dues from $7.50 or $17.50. Sections hold meetings in the following cities: Boston, New York, Philadelphia, Detroit, Chicago, Milwaukee, St. Louis, Los Angeles, and Baltimore-Washington.

To keep apace with progress in refrigeration and air conditioning, read the publications and follow the activities of

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HEATING SYSTEMS

Steam and hot water heating systems with their many parts and accessories are classified according to their specific type of design and the service required. These systems and their component parts include:

HEATING SYSTEMS (p. 940-961)

Combinations of parts forming steam vapor and vacuum systems and hot water systems.

Technical data on steam heating systems are contained in Chapter 15; hot water systems in Chapter 17. Other references to heating systems will be found in the Index to the Technical Data Section.

BOILERS (p. 962-984)

Water tube, fire tube and firebox types; cast iron and steel construction; for coal, coke, gas or oil firing.

Technical data on heating boilers are given in Chapter 13.

In connection with steam and hot water heating systems various types of radiators and convectors are required. Complete manufacturers references will be found in the Index to Modern Equipment—pages 1065-1088.

Technical data is contained in Chapter 14.

BURNERS (p. 985-994)

Automatic fuel burning equipment suitable for use as an integral part of heating boilers and furnaces, and also for conversion of hand-fired heaters to automatic operation.

Technical data are given in Chapter 11.

PIPE AND FITTINGS (p. 944-946, 995)

Iron, steel, wrought iron, copper, brass—seamless or welded.

Technical data will be found in Chapter 18.

PUMPS (p. 996-999)

For use in conjunction with heating systems, and other purposes in heating, ventilating and air conditioning service; and for handling air, gases, ammonia, brine and other refrigerants.

References to technical data on pumps will be found in the Index to the Technical Data Section.

HEATING SPECIALTIES (p. 1000-1012)

Feed water devices, pressure and draft regulators, combustion controls, strainers, traps, valves, etc.—all essential for efficient operation of heating equipment.

References to technical data on heating specialties may be found in the Index to the Technical Data Section, each indexed under its respective title.

Manufacturer's products shown in this division are designed for specific applications. Consult the Index to Modern Equipment for additional products of these manufacturers.