

It is recommended that use be made of the Catalog Data to supplement the Text Data on any subject, as it will be found to contain much of the engineering lore on sizes, shapes, capacities, dimensions, space requirements, applications and installations, so useful in the planning, specifying and installation of mechanical equipment. It is also suggested that the notes and explanations (especially those applicable to tables) be studied, for in the interest of brevity and simplicity certain data have been made to serve many purposes by the use of these notes, but at the same time may be susceptible to improper use if not fully understood.

In the Catalog Data section the manufacturer is invited to present the complete story of his products so that the user shall have before him concise and complete information which shall enable him to make the best selection which modern equipment affords.

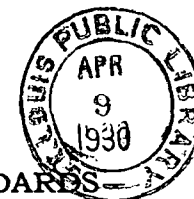
It has been the policy that the manufacturers' data presented in the Catalog Data section be useful and serviceable,—not a mere collection of claims, high-sounding catch phrases or superlatives, but an informative presentation of helpful information. Those manufacturers whose Catalog Data appear in THE GUIDE, pay for the service rendered to them as effective advertising, and the support and cooperation of these manufacturers constitute an important part of the means whereby the AMERICAN SOCIETY OF HEATING AND VENTILATING ENGINEERS is enabled to achieve the publication and wide distribution of THE GUIDE, and to extend its wholly philanthropic services to the general advancement of the profession and its allied industries. Engineering and manufacturing are dependent upon each other and both, jointly, are essential to the general interests of the public.

The 1930 Guide Publication Committee is gratified by the reception accorded the last edition of THE GUIDE, which had 9,300 users, and in appreciation its untiring efforts have been pledged to the work on THE GUIDE 1930 so that a continuation of this recognition of THE GUIDE's usefulness may persist.

More than 10,000 copies of this issue are published and it is presented to the profession and the industry at large with the hope that it will render an unique service as the standard reference work on heating and ventilating.

CHAPTER 1

CODES AND STANDARDS



VARIOUS codes and standards relating to the design, installation, testing, rating or maintenance of materials and equipment used in the heating and ventilation of buildings, have been adopted. Many of these codes and standards were developed and adopted solely by the AMERICAN SOCIETY OF HEATING AND VENTILATING ENGINEERS, whereas others were developed by other organizations and approved by this Society.

The following are the most important of these codes:

CODE OR STANDARD	WHEN ADOPTED OR APPROVED	SPONSORED BY	REFERENCE
Synthetic Air Chart	June, 1917	A.S.H.V.E.	TRANSACTIONS, Vol. XXIII, p. 607.
Standard and Short-Form Heat Balance Codes for Testing Low Pressure Steam Heating Solid Fuel Boilers (Codes 1 & 2)	Revised, June, 1929	A.S.H.V.E.	Pamphlet.
Performance Test Code for Steam Heating Solid Fuel Boilers (Code No. 3).	Edition of June, 1929, by A.S.H.V.E.	National Boiler and Radiator Manufacturers Association.	JOURNAL, A.S.H.V.E., August, 1929.
Code of Ethics for Engineers	January, 1922	A.S.H.V.E.	TRANSACTIONS, A.S.H.V.E., Vol. XXVIII, p. 6. (See also p. xiv THE GUIDE, 1930.)
Code for Testing Fans	May, 1923	A.S.H.V.E.	TRANSACTIONS, A.S.H.V.E., Vol. XXIX, p. 407.
Warm Air Furnace Code	First Edition 10-1-22 Second Edition 2-1-23 Third Edition 6-1-24 Fourth Edition 5-1-27 Fifth Edition 3-1-28 Sixth Edition 3-1-29	National Warm Air Heating Assn.	Chapter 5, THE GUIDE, 1930.