

THERMODYNAMIC CHARTS

*Steam, Water, Ammonia, "Freon-12," and Mixtures of
Air and Water Vapor*

ALSO

SPECIAL TABLES FOR TURBINE
CALCULATIONS

BY

FRANK O. ELLENWOOD

John Edson Sweet Professor of Engineering, Cornell University

AND

CHARLES O. MACKEY

Professor of Heat-Power Engineering, Cornell University

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NOTE REGARDING ENTHALPY

Enthalpy is the term now approved by the American Society of Mechanical Engineers to replace the old term *heat content* or *total heat*. By definition, the enthalpy of any fluid in any state is the sum of its internal energy and its pressure-volume product.

The **zero of enthalpy** is arbitrarily chosen; for water, it is selected as saturated liquid at 32F;