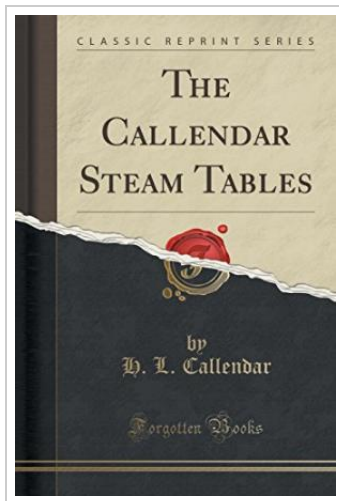




The Callendar Steam Tables (Classic Reprint) (Paperback)

By H L Callendar

Forgotten Books, 2018. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****. Excerpt from The Callendar Steam Tables Properties of Steam, in which the theory of steam and experimental methods of investigation are more fully discussed and illustrated. The principal formulae and numerical results are here summarised, together with directions for using the diagram. The tables are founded on experimental measurements (1) of the specific heat of water and the mechanical equivalent (2) of the specific heat of steam by the Author's continuous electric method; (3) of the adiabatic index with a compensated platinum thermometer; (4) of the joule-thomson cooling-effect with a differential throttling calorimeter. The theory and results of these experiments were published in the Proceedings of the Royal Society and in the Encyclopedia Britannica.* The properties of steam were represented by the simplest equations which could be chosen to satisfy the laws of thermodynamics, and at the same time to agree with experiment over the range required in practice. The theory was verified by calculating the values of the saturation pressure, which were found to agree with the observations of Regnault. About the Publisher Forgotten Books publishes hundreds of thousands of rare...



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