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## Refrigeration: A Practical Treatise on the Production of Low Temperatures as Applied to the Manufacture of Ice and to the Design and Operation of Cold Storage Plants (Classic Reprint) (Paperback)

By Milton W Arrowood

Forgotten Books, 2017. Paperback. Condition: New. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Excerpt from Refrigeration: A Practical Treatise on the Production of Low Temperatures as Applied to the Manufacture of Ice and to the Design and Operation of Cold Storage Plants Mechanical apparatus for producing cold dates from a much more recent period, the first authentic record of any such invention being the machine of Dr. Cullen for evaporating water under a vacuum. This machine was put in operation about 1755. About this time, also, experiments were made in France by Lavoisier, for using ether in refrigerating machines; but little or nothing came of either of these men s efforts, and it was not until the early part of the nineteenth century that refrigeration by mechanical means began to assume a practical form. About 1810, Leslie experimented with a machine using sulphuric acid and water; and in 1824 a machine was patented by Vallance, in which dry air was circulated over shallow trays of water, the resulting evaporation abstracting a large amount of heat; this latter process for cooling water was used in India from a time prior to the dawn of modern history. From...



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