







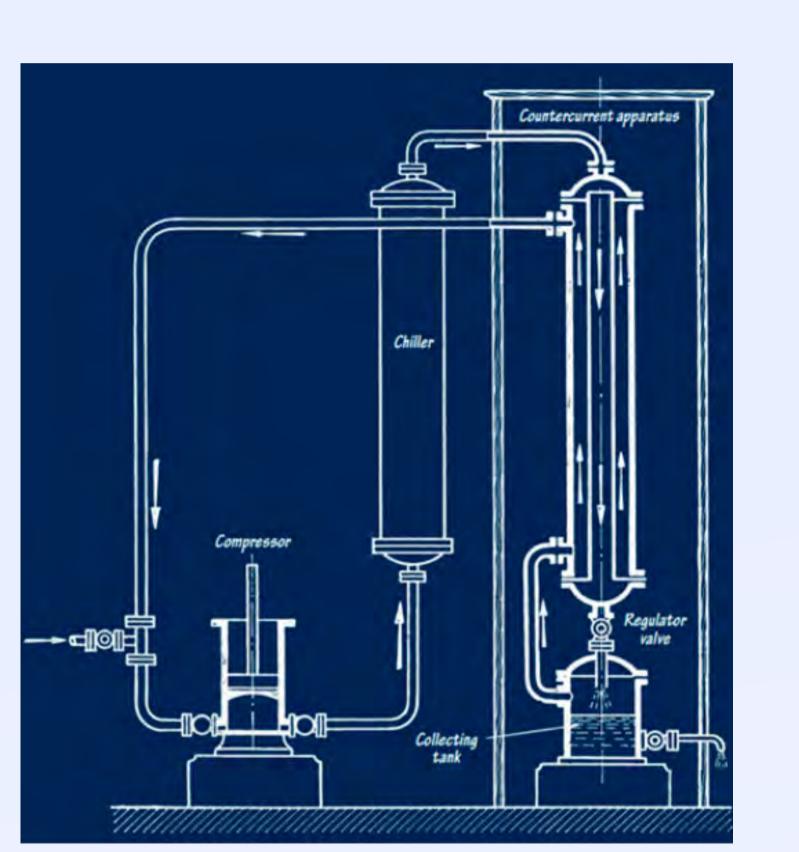


1877-1903: The Birth of Refrigeration

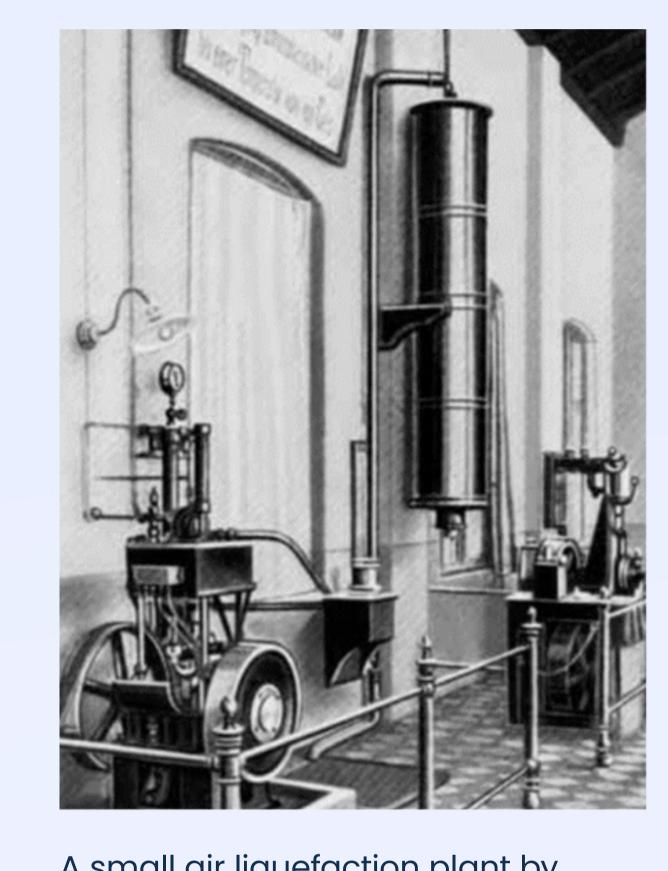
The story begins in 1877 when Carl von Linde, driven by the desire to cool beer, invented the world's first refrigeration machine. This marked the dawn of modern refrigeration technology.



First patent



Sketch of the first air liquefaction



Industrial and Commercial Exhibition

in Nuremberg as early as 1896.

1926-1961: Growth

Kostheim in 1926.

and Resilience

Linde's journey of expansion began with the acquisition of Kühlmöbelfabrik G.H. Walb & Co. in Mainz-

However, the devastation of World War II brought significant challenges. Key facilities were destroyed, but Linde's resilience shone through.

By 1954, they had begun building refrigerated display cases in Mainz-Kostheim.





The refrigerated display case plant in Mainz-Kostheim in the 1960s.



2001-2024:

A New Era with Carrier (UTC)





In 2001, Linde's journey took a significant turn when it announced the sale of its refrigeration business to United Technologies Corporation (UTC), which was completed by 2003.

This marked Linde's exit from the refrigeration business, as it became part of Carrier Corporation under UTC. In 2003, Linde installed its first transcritical CO₂ system in a Swiss supermarket, marking a milestone in eco-friendly refrigeration technology.

Green & Cool was acquired by UTC (Carrier) in 2010 and was fully integrated into Profroid in 2014.







In 2020, UTC approved the separation of Carrier Corporation, marking another pivotal moment in the company's history. By 2021, Carrier became the first European manufacturer to reach 18,000 CO₂ compressor systems. The following year, Profroid produced its 20,000th CO₂ unit, and Haier-Carrier installed CO₂ ice-making technology at the National Speed Skating Oval in Beijing for the first time in Olympic history.

In 2023, Carrier Commercial Refrigeration, in collaboration with Metro, was recognized as a top project in the Environment + Energy Leader Awards. In 2024, CCR launched its first EcoDesign "Label A" cabinet, creating a new standard in energy efficiency and environmental responsibility.







1970-2000:

Global Expansion and Key Innovations

The 1970s signalled Linde's emergence as a global player, exemplified by supplying all refrigerated display cases for the Pinguin Supermarket in Germany in 1973.



Linde Refrigeration supplied all refrigerated display cases for the Pinguin Supermarket Siegen, Germany in 1973

The establishment of Carrier India in 1986 represented a significant expansion of Carrier's presence in the region. By 1988, Carrier had commissioned its first manufacturing facility in Gurgaon, Haryana.

The 1989
acquisition of
Profroid by Carrier
Corporation laid
the groundwork for further global expansion.

By 1994, Linde recognized the potential of natural refrigerants, installing over 60 NH₃ + HC (Hydrocarbon) with Indirect Brine Systems in supermarket applications. The late 1990s saw Linde experimenting with CO₂ systems, with the first installations taking place

In 1999, Carrier bought the Electrolux Commercial Refrigeration business including their European distribution network and 3 factories (Jaszarokszallas, Arvika and Ingelstad in Sweden).

in 1998.





2024-present: A New Chapter

In 2024, we marked a major shift as Carrier sold all of its commercial refrigeration businesses, including Profroid, Green & Cool, and Celsior, to Haier, concluding a remarkable chapter in refrigeration history.

In 2025, CCR was established as our new Parent brand, bringing out entire portfolio together under a unified vision and set of values.

Across all markets – with the exception of China – we operate under four customer-facing portfolio brands – CCR, Profroid, Celsior, Green & Cool. In China, Haier-Carrier is used as the portfolio brand to align with local market expectations while maintaining brand consistency.













Conclusior

From Carl von Linde's humble quest to make ice for beer brewing, to becoming a global leader in refrigeration, the legacy of CCR Commercial Refrigeration is one of relentless innovation, expansion, and commitment to sustainability.

As the company moves into a new era, the foundation laid over the past century and a half will continue to guide

its journey forward.

