

Magnoric and Vulkan Revolutionize Industrial Cooling with the Unveiling of the World's Most Powerful Magnetocaloric Prototype at Chillventa 2024

Magnoric, a french-german start-up, pioneer in the development of magnetocaloric technology, is excited to participate in **Chillventa 2024** alongside its **majority shareholder**, the Vulkan Group (one of the technology and market leaders in the field of marine, industrial and energy technology as well as refrigeration and air). This strategic partnership presents, for the first time, **the most powerful magnetocaloric chilled prototype on the market**.

At this flagship event, Magnoric showcases an innovative model that transforms industrial refrigeration through **magnetocaloric technology**. This revolutionary advancement offers a greener, more sustainable alternative to traditional systems, operating **without refrigerant gases** and delivering exceptional performance.



Our technology:

- Up to 50% more efficient
- Sustainable
- No refrigerant gas

Magnoric technology offers significant energy savings, providing a key advantage for our customers. However, the **benefits** extend far beyond that:

- Operates at low pressure
- Minimal maintenance required
- Ultra-quiet with low vibrations
- **A true technological breakthrough**
- Compliant with future environmental regulations
- **Substantially reduces CO2 emissions**

Magnoric operates in the B2B sector across a **wide range of applications**, serving key industries such as supermarkets, data centers, industrial processes and air conditioning systems. In addition to presenting the prototype, Magnoric is now entering the pre-industrialization phase for larger units, exceeding 6 kW per unit, to meet the demanding **cooling needs of industrial sectors**. These larger units are designed for scalable applications in high-demand environments.

And more, Magnoric is the **world's leading company** in terms of **intellectual property** with a portfolio of **more than 20 patents families and 100 individual patents**.

Magnoric is deeply committed to a comprehensive CSR approach that prioritizes **employee well-being**, ethical sourcing, fair working conditions, and **environmental sustainability**.

Magnoric has made it happen!



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