

Press release

## **MAGNOTHERM unveils breakthrough in refrigerant-free cooling technology at Chillventa 2024.**

Nuremberg, 7 October 2024 — MAGNOTHERM is leading the next wave of cooling innovation with an entirely gas-free system. At Chillventa 2024, a major global event for refrigeration, HVAC, and heat pump technology, MAGNOTHERM unveils ECLIPSE, a revolutionary cooling innovation designed to meet the cooling demands of today and the future efficiently and sustainably.

ECLIPSE is a gas-free, safe, reliable, and efficient cooling unit based on the magnetocaloric effect. The ECLIPSE unit can be compared to a “refrigeration circuit.” It was designed for wide application – it can be integrated into many different commercial cooling cabinets and applications.

By eliminating harmful refrigerants and improving energy efficiency by up to 30%, ECLIPSE offers a significant advancement for a wide array of commercial and industrial applications.

“With ECLIPSE, we’re not just introducing a new product—we’re pioneering a transformative approach to cooling,” says Timur Sirman, CEO of MAGNOTHERM. “Our technology leverages the magnetocaloric effect to deliver efficient cooling without the environmental drawbacks of traditional refrigerants.”

Dr. Max Fries, COO at MAGNOTHERM, adds: “Chillventa is the ideal platform to introduce ECLIPSE to industry experts. This event brings together global leaders in the refrigeration and HVAC sectors.”

MAGNOTHERM invites journalists, industry professionals, and attendees to visit booth 9-111a for the first demonstration of ECLIPSE. Guests will have the opportunity to experience the technology firsthand, engage with the MAGNOTHERM team, and learn about the company’s visionary and commercial roadmap for sustainable cooling.

### **About MAGNOTHERM**

*MAGNOTHERM is a leading innovator in cooling technology, headquartered in Darmstadt, Germany, with a team of over 40 experts. The company is committed to transforming bold ideas into tangible, cost-saving realities.*

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