

Press release

High quality, robust and reliable: Fridges and freezers with a stainless steel interior for use in research settings

Ochsenhausen, Germany, 17.09.2024 – With its new generation of fridges and freezers with a stainless steel interior, Liebherr is setting new standards in terms of quality, reliability and safety. The high-quality appliances were specially developed for use in research settings and in laboratories to ensure optimal storage of sensitive substances.

The new fridges and freezers with a stainless steel interior meet all of the specific key requirements for daily use in settings such as biotechnology and pharmaceutical research. The appliances feature impressive characteristics in terms of their extreme robustness, longevity and maximum reliability. They have a large cooling volume and are therefore especially suitable for long-term storage of large quantities of sensitive substances. The seamless interior is made of high-quality chrome-nickel steel and ensures optimal hygiene.

Focus on safety: Precise temperature control and alarm functions

Reliable cooling at stable temperatures is indispensable in research settings and laboratories. This is why the fridges and freezers with a stainless steel interior focus heavily on safety and precision. They guarantee stable temperatures with minimal fluctuations of no more than ± 2 °C (fridges) and ± 4 °C (freezers) and also have several alarm functions to immediately alert users of faults and potential temperature deviations. If the temperature falls below $+2$ °C due to a malfunction, the SafetyDevice takes control and protects the contents from freezing. The innovative SmartLock automatically locks the door in the event of an alarm, preventing products with an interrupted cold chain from accidentally entering circulation. Only authorised persons can unlock it again.

Another useful feature is the WiFi/LAN interface, which allows the appliances to be integrated into the customer's network and own systems via the local API and/or to be connected to Liebherr SmartMonitoring. The digital monitoring solution also checks and documents the storage temperature and immediately sends alerts in the event of deviations.

Award-winning sustainability

Consideration was also given to ensuring a high level of sustainability when designing the new appliances with their enhanced specifications. The brand's aim is to minimise the environmental impact of its products throughout their life cycle. The efforts to date have been awarded gold for 2023 by EcoVadis, the world's leading sustainability ratings agency. Liebherr is among the top three percent of all companies evaluated by EcoVadis worldwide. It's also important to conserve valuable resources during the service life of appliances, as well as during the manufacturing process. With this in mind, Liebherr appliances consume very little electricity and are among the most energy-efficient in their class.

The new models with a stainless steel interior are another example of how Liebherr lives up to its claim to be a reliable partner for professional needs in the laboratory sector.

Read more at home.liebherr.com

About Liebherr-Hausgeräte GmbH

Liebherr-Hausgeräte GmbH is one of thirteen product segments of the Liebherr Group. The Appliances division employs more than 6,800 staff and develops and produces a wide range of high-quality refrigerators and freezers for the domestic and professional sectors at its headquarters in Ochsenhausen (Germany) and in Lienz (Austria), Marica (Bulgaria), Kluang (Malaysia) and Aurangabad (India).

About the Liebherr Group – 75 years of moving forward

The Liebherr Group is a family-run technology company with a broad and diverse range of products. The company is one of the largest manufacturers of construction equipment in the world. However, it also provides high-quality, user-oriented products and services to many other sectors. Today the group comprises over 150 companies from every continent. In 2023, it employed more than 50,000 staff and generated total revenue of over €14 billion. Liebherr was founded by Hans Liebherr in 1949 in the southern German town of Kirchdorf an der Iller. Since then, its goal has been to win over its customers with sophisticated solutions and contribute to technological progress. The Group celebrated three quarters of a century in 2024 under the motto '75 years of moving forward'.

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