SCFfg 4002

Laboratory fridge-freezer with SmartFrost

Performance

LIEBHERR

Freestanding

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Performance

Gross/net capacity	
Fridge compartment	267/199 l
Freezer compartment	110/62 l
Ext. dimensions in mm (w/d/h)	597/654/2044
Int. dimensions in mm (w/d/h)	
Fridge compartment	460/422/1037
Freezer compartment	406/292/614
Energy consumption in 365 days	390 kWh
Ambient temperature range	+10 °C to +35 °C
Heat output	350
Refrigerant	R 600a
Noise output	48 dB(A)
Frequency / voltage	50/60 Hz / 220-240 V~
Cooling system	dynamisch
Defrosting	automatisch
Temperature range	
Fridge compartment	+3 °C to +16 °C
Freezer compartment	-9 °C to -30 °C
Housing material/colour	Stahl/weiß
Door material	Volltür
Liner Material	Kunststoff weiß
Type of Control	Monochrom-Display, Touch-Buttons
Alarm in case of malfunction	optisch und akustisch
Power failure alarm	bei Netzrückkehr
volt-free alarm contact	yes
Connectivity type	SmartModule
Connectivity solution	Nachrüstbar
Interface	WLAN/LAN (optional)
Adjustable Shelving	4
Usable shelf area in mm (w / d)	460 / 422
Shelf loading	40 kg
Maximum total load	345 kg
Drawers	3
Handle	Antimikrobieller Griff mit Öffnungsmechanik
Access ports	2 x Ø 10
Type of lock	mechanisch
Door hinges	rechts wechselbar
Gross/net weight	89/83 kg
EAN-Nr.	9005382247655

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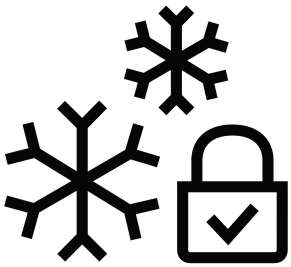
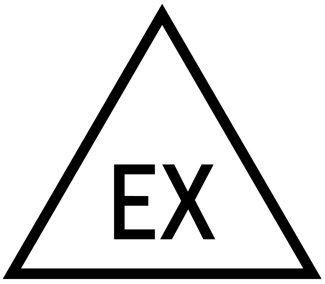
Features



+2 °C SafetyDevice

If the temperature in the appliance drops below +2 °C due to a malfunction, the +2 °C SafetyDevice function takes control, which keeps the temperature stable and activates an alarm. Sensitive substances are protected from freezing and you are notified immediately.

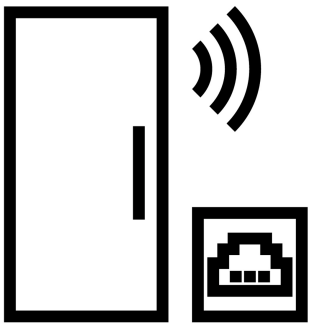


Compliance with the ATEX Directive

Liebherr laboratory equipment conforms to EN/IEC 60079-0 or EN-IEC 60079-7 and complies with EU Directive 2014/34/EU (“ATEX Directive”). Classification of the interior to II 3 G Ex ec IIC T6 (declared as Zone 22) makes them suitable for flammable substances in closed containers that could form explosive atmospheres.

SmartFrost

Where there is no ice, there is no need to defrost: SmartFrost greatly reduces the frost build-up in the interior and on stored products. Defrosting is required less often – and when it is necessary, it is made much easier by the smooth, easy-to-clean interior walls. The evaporator is embedded in the foam insulation and ensures high levels of energy efficiency as well as even cooling.



Retrofittable WiFi/LAN interface

This is how easy it is to network a Liebherr: With the retrofittable WiFi and LAN interface, appliances can be effortlessly connected to external systems, such as SmartMonitoring from Liebherr. With the digital monitoring solution, the storage temperature is controlled and documented conveniently and securely via the subsequently set up interface.

Mechanical lock

All professional Liebherr appliances in the Performance series are equipped with a mechanical lock with two keys for the storage of temperature-sensitive products. This way you can be sure that no unauthorised persons can access your stored goods.

Environmentally friendly refrigerants

Liebherr appliances are optimised for maximum energy efficiency and low operating costs. We only use the natural and environmentally-friendly refrigerants R 600a and R 290. When used with highly efficient compressors, these are extraordinarily efficient and, with their low global warming potential, also future-proof.

The overview represents an excerpt of the most important appliance features. All other features of the appliance and further information are available at home.liebherr.com.

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Technical drawing

Products and their details are staged for advertising purposes. Whilst every effort is made to ensure all specifications and information in this flyer are accurate, Liebherr reserves the right to make changes without notification. Where actual appliance measurements, specifications, and ratings are crucial, we recommend that the actual appliance installation instructions that accompany each appliance be checked. Liebherr will not be liable for any damage. (12.02.2024)