SRFfg 4001

Laboratory refrigerator with convection cooling and an interior free of ignition sources **Performance**





Freestanding

LIEBHERR

SRFfg 4001

Laboratory refrigerator with convection cooling and an interior free of ignition sources **Performance**



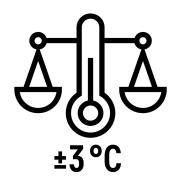


Int. dimensions in mm (w/d/h) 460/422/1660 Energy consumption in 365 days 421 kWh Ambient temperature range +10 °C to +35 °C Heat output 454 kJ/h Refrigerant R 600a Frequency / voltage 50 Hz / 220-240 V- Cooling system forced-air Defrosting automatic Temperature range +3 °C to +16 °C Gradient / max. fluctuation 5.1 °C / 3.2 °C Housing material/colour steel / white Door material commercial grade moulded polystyrol Type of Control monochrome display, touch buttons Alarm in case of malfunction visual and audible Power failure alarm when mains power return volt-free alarm contact yes Interface WLAN/LAN (optional) Adjustable Shelving 5 Shelf material glass Usable shelf area in mm (w / d) 460 / 422	Gross/net capacity	394/298 l
Energy consumption in 365 days 421 kWh Ambient temperature range +10 °Ct to +35 °C Heat output 454 kJ/h Refrigerant R 600a Frequency / voltage 50 Hz / 220-240 V- Cooling system forced-air Defrosting automatic Temperature range +3 °C to +16 °C Gradient / max. fluctuation 5.1 °C / 3.2 °C Housing material/colour steel / white Door material steel Liner Material commercial grade moulded polystyrol Type of Control monochrome display, touch buttons Adjustable Shelving 5 Shelf material glass Usable shelving 5 Shelf material glass Usable shelving 460 / 422 Shelf naterial glass Usable shelving 5 Shelf naterial glass Usable shelf area in mm (w / d) 460 / 422 Shelf loading 40 kg Maximum total load 225 kg Handle antimicrobial handle with opening mechanism Access ports 1 x Ø 10	Ext. dimensions in mm (w/d/h)	597/654/1884
Ambient temperature range +10 °C to +35 °C Heat output 454 kJ/h Refrigerant R 600a Frequency / voltage 50 Hz / 220-240 V- Cooling system forced-air Defrosting automatic Temperature range +3 °C to +16 °C Gradient / max. fluctuation 5.1 °C / 3.2 °C Housing material/colour steel Door material steel Liner Material commercial grade moulded polystyrol Type of Control monochrome display, touch buttons Adjustable Shelving 5 Shelf material glass Usable shelf area in mm (w / d) 460 / 422 Shelf loading 40 kg Maximum total load 225 kg Handle antimicrobial handle with opening mechanism Access ports 1 x Ø 10 mm Type of lock mechanical Door hinges right, reversible on site	Int. dimensions in mm (w/d/h)	460/422/1660
Heat output 454 kJ/h Refrigerant R 600a Frequency / voltage 50 Hz / 220-240 V- Cooling system forced-air Defrosting automatic Temperature range +3 °C to +16 °C Gradient / max. fluctuation 5.1 °C / 3.2 °C Housing material/colour Steel / white Door material commercial grade moulded polystyrol Type of Control monochrome display, touch buttons Alarm in case of malfunction visual and audible Power failure alarm when mains power return volt-free alarm contact yes Interface WLAN/LAN (optional) Adjustable Shelving 5 Shelf Inaterial glass Usable shelf area in mm (w / d) 460 / 422 Shelf loading 40 kg Maximum total load 225 kg Handle antimicrobial handle with opening mechanism Access ports 1 x Ø 10 mm Type of lock mechanical Door hinges right, reversible on site Gross/net weight 74/68 kg	Energy consumption in 365 days	421 kWh
Refrigerant R 600a Frequency / voltage 50 Hz / 220-240 V- Cooling system forced-air Defrosting automatic Temperature range +3 °C to +16 °C Gradient / max. fluctuation 5.1 °C / 3.2 °C Housing material/colour steel / white Door material steel Liner Material commercial grade moulded polystyrol Type of Control monochrome display, touch buttons Alarm in case of malfunction visual and audible Power failure alarm when mains power return volt-free alarm contact yes Interface WLAN/LAN (optional) Adjustable Shelving 5 Shelf material glass Usable shelf area in mm (w / d) 460 / 422 Shelf loading 40 kg Maximum total load 225 kg Handle antimicrobial handle with opening mechanism Access ports 1 x Ø 10 mm Type of lock mechanical Door hinges right, reversible on site Gross/net weight 74/68 kg	Ambient temperature range	+10 °C to +35 °C
Frequency / voltage 50 Hz / 220-240 V- Cooling system forced-air Defrosting automatic Temperature range +3 °C to +16 °C Gradient / max. fluctuation 5.1 °C / 3.2 °C Housing material/colour steel / white Door material steel / white Door material commercial grade moulded polystyrol Type of Control monochrome display, touch buttons Alarm in case of malfunction visual and audible Power failure alarm when mains power return volt-free alarm contact yes Interface WLAN/LAN (optional) Adjustable Shelving 5 Shelf material glass Usable shelf area in mm (w / d) 460 / 422 Shelf loading 40 kg Maximum total load 225 kg Handle antimicrobial handle with opening mechanism Access ports 1 x Ø 10 mm Type of lock mechanical Door hinges right, reversible on site	Heat output	454 kJ/h
Cooling system forced-air Defrosting automatic Temperature range +3 °C to +16 °C Gradient / max. fluctuation 5.1 °C / 3.2 °C Housing material/colour steel / white Door material steel / white Door material commercial grade moulded polystyrol Type of Control monochrome display, touch buttons Alarm in case of malfunction visual and audible Power failure alarm when mains power return volt-free alarm contact yes Interface WLAN/LAN (optional) Adjustable Shelving 5 Shelf material glass Usable shelf area in mm (w / d) 460 / 422 Shelf loading 40 kg Maximum total load 225 kg Handle antimicrobial handle with opening mechanism Access ports 1 x Ø 10 mm Type of lock mechanical Door hinges right, reversible on site Gross/net weight 74/68 kg	Refrigerant	R 600a
Defrosting automatic Temperature range +3 °C to +16 °C Gradient / max. fluctuation 5.1 °C / 3.2 °C Housing material/colour steel / white Door material steel / white Door material commercial grade moulded polystyrol Type of Control monochrome display, touch buttons Alarm in case of malfunction visual and audible Power failure alarm when mains power return volt-free alarm contact yes Interface WLAN/LAN (optional) Adjustable Shelving 5 Shelf loading 40 kg Maximum total load 225 kg Handle antimicrobial handle with opening mechanism Access ports 1 x Ø 10 mm Type of lock mechanical Door hinges right, reversible on site	Frequency / voltage	50 Hz / 220-240 V~
Temperature range +3 °C to +16 °C Gradient / max. fluctuation 5.1 °C / 3.2 °C Housing material/colour steel / white Door material steel / white Liner Material commercial grade moulded polystyrol Type of Control monochrome display, touch buttons Alarm in case of malfunction visual and audible Power failure alarm when mains power return volt-free alarm contact yes Interface WLAN/LAN (optional) Adjustable Shelving 5 Shelf material glass Usable shelf area in mm (w / d) 460 / 422 Shelf loading 40 kg Maximum total load 225 kg Handle antimicrobial handle with opening mechanism Access ports 1 x Ø 10 mm Type of lock mechanical Door hinges right, reversible on site Grass/net weight 74/68 kg	Cooling system	forced-air
Gradient / max. fluctuation 5.1 °C / 3.2 °C Housing material/colour steel / white Door material steel / white Liner Material commercial grade moulded polystyrol Type of Control monochrome display, touch buttons Alarm in case of malfunction visual and audible Power failure alarm when mains power return volt-free alarm contact yes Interface WLAN/LAN (optional) Adjustable Shelving 5 Shelf material glass Usable shelf area in mm (w / d) 460 / 422 Shelf loading 40 kg Maximum total load 225 kg Handle antimicrobial handle with opening mechanism Access ports 1 x Ø 10 mm Type of lock mechanical Door hinges right, reversible on site	Defrosting	automatic
Housing material/colour steel / white Door material steel / white Door material commercial grade moulded polystyrol Type of Control monochrome display, touch buttons Alarm in case of malfunction visual and audible Power failure alarm when mains power return volt-free alarm contact yes Interface WLAN/LAN (optional) Adjustable Shelving 5 Shelf material glass Usable shelf area in mm (w / d) 460 / 422 Shelf loading 40 kg Maximum total load 225 kg Handle antimicrobial handle with opening mechanism Access ports 1 x Ø 10 mm Type of lock mechanical Door hinges right, reversible on site Gross/net weight 74/68 kg	Temperature range	+3 °C to +16 °C
Door material steel Liner Material commercial grade moulded polystyrol Type of Control monochrome display, touch buttons Alarm in case of malfunction visual and audible Power failure alarm when mains power return volt-free alarm contact yes Interface WLAN/LAN (optional) Adjustable Shelving 5 Shelf material glass Usable shelf area in mm (w / d) 460 / 422 Shelf loading 40 kg Maximum total load 225 kg Handle antimicrobial handle with opening mechanism Access ports 1 x Ø 10 mm Type of lock mechanical Door hinges right, reversible on site Gross/net weight 74/68 kg	Gradient / max. fluctuation	5.1 °C / 3.2 °C
Liner Material commercial grade moulded polystyrol Type of Control monochrome display, touch buttons Alarm in case of malfunction visual and audible Power failure alarm when mains power return volt-free alarm contact yes Interface WLAN/LAN (optional) Adjustable Shelving 5 Shelf material glass Usable shelf area in mm (w / d) 460 / 422 Shelf loading 40 kg Maximum total load 225 kg Handle antimicrobial handle with opening mechanism Access ports 1 x Ø 10 mm Type of lock mechanical Door hinges right, reversible on site Gross/net weight 74/68 kg	Housing material/colour	steel / white
Type of Control monochrome display, touch buttons Alarm in case of malfunction visual and audible Power failure alarm when mains power return volt-free alarm contact yes Interface WLAN/LAN (optional) Adjustable Shelving 5 Shelf material glass Usable shelf area in mm (w / d) 460 / 422 Shelf loading 40 kg Maximum total load 225 kg Handle antimicrobial handle with opening mechanism Access ports 1 x Ø 10 mm Type of lock mechanical Door hinges right, reversible on site Gross/net weight 74/68 kg	Door material	steel
Alarm in case of malfunction visual and audible Power failure alarm when mains power return volt-free alarm contact yes Interface WLAN/LAN (optional) Adjustable Shelving 5 Shelf material glass Usable shelf area in mm (w / d) 460 / 422 Shelf loading 40 kg Maximum total load 225 kg Handle antimicrobial handle with opening mechanism Access ports 1 x Ø 10 mm Type of lock mechanical Door hinges right, reversible on site Gross/net weight 74/68 kg	Liner Material	commercial grade moulded polystyrol
Power failure alarm when mains power return volt-free alarm contact yes Interface WLAN/LAN (optional) Adjustable Shelving 5 Shelf material glass Usable shelf area in mm (w / d) 460 / 422 Shelf loading 40 kg Maximum total load 225 kg Handle antimicrobial handle with opening mechanism Access ports 1 x Ø 10 mm Type of lock mechanical Door hinges right, reversible on site Gross/net weight 74/68 kg	Type of Control	monochrome display, touch buttons
volt-free alarm contact yes Interface WLAN/LAN (optional) Adjustable Shelving 5 Shelf material glass Usable shelf area in mm (w / d) 460 / 422 Shelf loading 40 kg Maximum total load 225 kg Handle antimicrobial handle with opening mechanism Access ports 1 x Ø 10 mm Type of lock mechanical Door hinges right, reversible on site Gross/net weight 74/68 kg	Alarm in case of malfunction	visual and audible
Interface WLAN/LAN (optional) Adjustable Shelving 5 Shelf material glass Usable shelf area in mm (w / d) 460 / 422 Shelf loading 40 kg Maximum total load 225 kg Handle antimicrobial handle with opening mechanism Access ports 1 x Ø 10 mm Type of lock mechanical Door hinges right, reversible on site Gross/net weight 74/68 kg	Power failure alarm	when mains power return
Adjustable Shelving5Shelf materialglassUsable shelf area in mm (w / d)460 / 422Shelf loading40 kgMaximum total load225 kgHandleantimicrobial handle with opening mechanismAccess ports1 x Ø 10 mmType of lockmechanicalDoor hingesright, reversible on siteGross/net weight74/68 kg	volt-free alarm contact	yes
Shelf material glass Usable shelf area in mm (w / d) 460 / 422 Shelf loading 40 kg Maximum total load 225 kg Handle antimicrobial handle with opening mechanism Access ports 1 x Ø 10 mm Type of lock mechanical Door hinges right, reversible on site Gross/net weight 74/68 kg	Interface	WLAN/LAN (optional)
Usable shelf area in mm (w / d) Shelf loading Maximum total load 460 / 422 Shelf loading 40 kg Maximum total load 225 kg Handle antimicrobial handle with opening mechanism Access ports 1 x Ø 10 mm Type of lock mechanical Door hinges Gross/net weight 74/68 kg	Adjustable Shelving	5
Shelf loading 40 kg Maximum total load 225 kg Handle antimicrobial handle with opening mechanism Access ports 1 x Ø 10 mm Type of lock mechanical Door hinges right, reversible on site Gross/net weight 74/68 kg	Shelf material	glass
Maximum total load 225 kg Handle antimicrobial handle with opening mechanism Access ports 1 x Ø 10 mm Type of lock mechanical Door hinges right, reversible on site Gross/net weight 74/68 kg	Usable shelf area in mm (w / d)	460 / 422
Handle antimicrobial handle with opening mechanism Access ports 1 x Ø 10 mm Type of lock mechanical Door hinges right, reversible on site Gross/net weight 74/68 kg	Shelf loading	40 kg
Access ports 1 x Ø 10 mm Type of lock mechanical Door hinges right, reversible on site Gross/net weight 74/68 kg	Maximum total load	225 kg
Type of lock mechanical Door hinges right, reversible on site Gross/net weight 74/68 kg	Handle	antimicrobial handle with opening mechanism
Door hingesright, reversible on siteGross/net weight74/68 kg	Access ports	1 x Ø 10 mm
Gross/net weight 74/68 kg	Type of lock	mechanical
	Door hinges	right, reversible on site
EAN-Nr. 9005382277614	Gross/net weight	74/68 kg
	EAN-Nr.	9005382277614

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Features



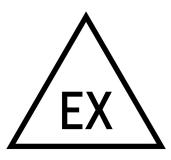
±3 °C temperature stability

Temperature fluctuations must be minimal to ensure that the quality of sensitive substances is preserved. Liebherr refrigerators have an impressive maximum deviation of just ±3 °C from the set temperature. This not only maintains the storage climate, but also the value of your stored goods.



Easy to clean interior

The plastic inside container is made of polystyrene: a fully recyclable, robust, and odourless plastic. Manufactured seamlessly from one piece, it has no hidden dirt traps and the large corner radii can be cleaned quickly and easily. The perfect combination of sustainability and hygiene.



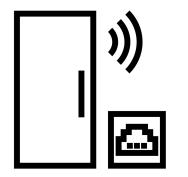
Compliance with the ATEX Directive

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.



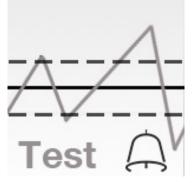
+2 °C SafetyDevice

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.



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.

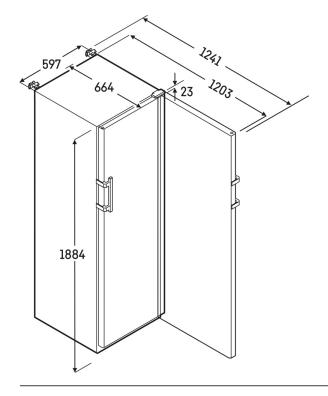


Alarm test function

This test function can be used to check whether an internally or externally connected alarm system is functioning correctly. The appliance's refrigeration performance is not affected by this test. Freestanding SRFfg 4001

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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. (29.11.2023)



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