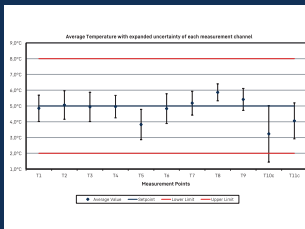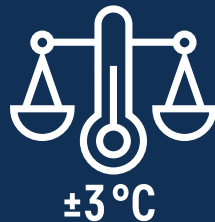# SRFfg 3501

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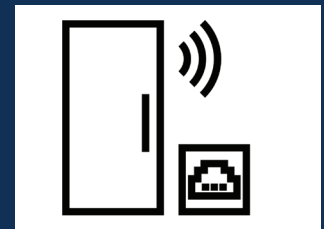

Maximum temperature stability
The dynamic cooling system with double ventilation ensures maximum temperature stability in the interior. Very short defrost cycles allow the interior temperature to be kept almost constant durng the defrost phases. All the laboratory appliances are designed for temperature stability and consistency according to EN 60068-3

±3 °C temperature stability
Temperature fluctuations must be minimal to ensure that the quality of sensitive substances is preserved. Liebherr Laboratory 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.

Explosion protection: ATEX 95
The ATEX-95 certification confirms that the Liebherr spark-free laboratory refrigerators and freezers are suitable for storing explosive and highly flammable materials as defined by EU Directive 2014/34/EU (ATEX).
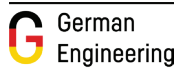
Retrofittable WiFi/LAN interface
This is how easy it is to network a Liebherr: With the retrofittable WiFi and LAN interface, appliances can be effortlessly connected to external systems, such as SmartMonitoring from Liebherr. With the digital monitoring solution, the storage temperature is controlled and documented conveniently and securely via the subsequently set up interface.

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SRFfg 3501

Performance

G German Engineering | ENERGY STAR | CSR c US | EX | Electronic Control
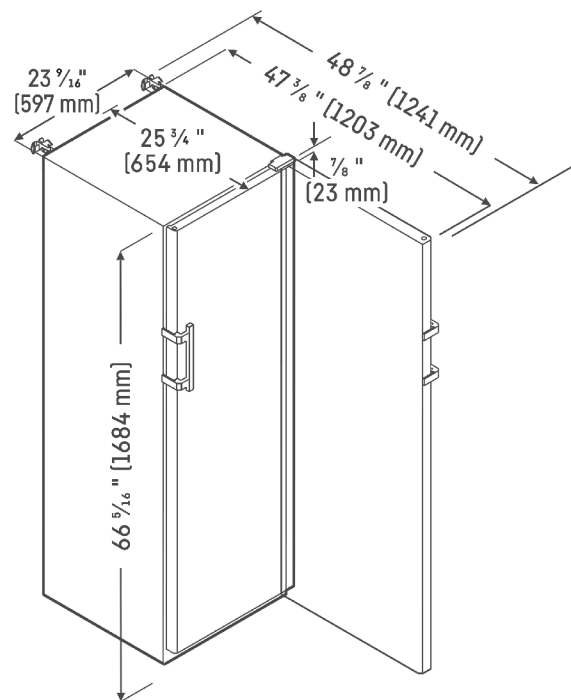
home.liebherr.com

	SRFfg 3501
Total gross/net capacity l (cu.ft.)	344/315(12.1/11.1)
Exterior dimensions in mm (w/d/h) in inches (w/d/h)	597 / 654 / 1684 23 9/16" / 25 3/4" / 66 5/16"
Interior dimensions in mm (w/d/h) in inches (w/d/h)	460 / 423 / 1460 18 1/8"/16 11/16"/57 1/2"
Energy Consumption (kWh/day) *	0.63
EnergyStar rated	Yes
Ambient temperature in °C (°F)	*+10 °C to +35 °C (+50 °F to +95 °F)
Heat output	388 kJ/h
Refrigerant	R 600a
Sound rating**	48 dB(A)
Frecuency / Voltage	60 Hz / 115-127 V~
Cooling system / Defrost	Forced-air/automatic
Temperature range in °C (°F)	*+3 °C to +16 °C (+38 °F to +60 °F)
Gradient / max. fluctuation	3.6 °C / 3.1 °C
External cabinet finish	Steel/white
Door/lid material	Steel
Internal liner material	Commercial grade molded polystyrol
Type of control	Monochrome display, touch buttons
Power failure alarm	When mains power return
Fault: warning signal	Visual and audible
Volt-free alarm contact	Yes
Connectivity type	SmartModule
Connectivity solution	Retrofittable
Interface	WiFi/LAN (optional)
Adjustable shelves	4
Shelf material	Glass
Usable Shelf Area in mm (w / d)	460 / 537
Shelf load weight in kg (lbs)	40 (88.2)
Handle	Antimicrobial handle with opening mechanism
Access ports	1 x Ø 10 mm
ATEX conformity	Yes
Type of lock	Mechanical
Door Hinges	Right, reversible on site
Gross/net weight in kg (lbs)	70 (154.3) /65 (143.3)

* Measured unloaded at 26.6°C (80°F) ambient temperature with set point of 3.3°C (38°F).
** Noise level – sound power re 1pW – according to IEC 60704-2-14.

Unit Dimensions

23 9/16" [597 mm]
25 3/4" [654 mm]
48 7/8 " [1241 mm]
47 3/8 " [1203 mm]
7/8 " [23 mm]
66 5/16 " [1684 mm]

Accessories

Shelf, plastic-coated	7113310
Base grid	7113314
Glass shelf	9291929
Scanner rail	7435210
Castors Ø 80 mm	9086926
Adjustable feet, 90 – 120 mm	9080022
Adjustable feet, 150 – 180 mm	9086924

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