

REF1003 - Liebherr SRFfg 4001 Performance Laboratory Refrigerator with fan-assisted cooling and spark-free interior



Specifications

Exterior dimensions: height/width/depth: 188.4 / 59.7 / 65.4cm

Height / Width / Depth (with packaging): 1,920.0 / 615.0 / 725.0mm

Weight (without packaging): 69.00kg

Weight (with packaging): 74.00kg

Total net volume: 298L

Net volume of the fridge compartment: 298L

Load-bearing capacity of shelf areas, refrigerator compartment: 40kg

Net width of shelves: 46cm

Net depth of storage shelves: 42.2cm



Refrigerator Compartment

Adjustable temperature range: +3°C to +16°C

Temperature display: external digital

Cooling system: dynamic

Defrosting method: automatic

Interior light: —

Drawers: 0

Total number of storage shelves: 6

- No of shelves adjustable: 5

Bottom grid shelf: —

Control and Functions

Control unit: Touch

Power failure alarm: when mains power returns

Malfunction: Warning signal - optical and acoustical

Positive temperature deviation from the setpoint: 2.9 Kelvin

Negative temperature deviation from the setpoint: -2.8 Kelvin

Increase in temperature from +5°C to +10°C (empty, +25°C TU): 60min

Decrease in temperature from +25°C to +5°C (empty, +25°C TU): 46min

Recovery time after 1 min of door opening (empty, +25 °C TU, according to EN 60068-3): 13min

Potential-free contact: ✓

SmartMonitoring-enabled: Yes

Connectivity type: SmartModule

Connectivity solution: retrofittable

Interface: WLAN/LAN (optional)

Min./max. temperature recording: Yes

Alarm history: No

Product sensor: No

Design and Materials

Side wall material: steel

Colour: White

Door/Cover material: Full-panel door

Handle: Antimicrobial handle with opening mechanism

Material of interior containers: Plastic white

Storage shelf material, refrigerator compartment: Glass

Material of adjustable feet: Steel, zinc



Output and Consumption

Energy consumption per year: 421 kWh/a
Energy consumption in 24h: 1.153 kWh / 24h
Noise level: 49 dB
Ambient temperature: +10°C to 35°C
Refrigerant: R 600a
Heat emission: 454kJ/h
Heat distribution system: Air cooling
Voltage: 220-240 V ~
Frequency: 50 Hz
Maximum fluctuation: 3.2°C
Gradient: 5.1°C

Set up and Installation

Self-closing door: ✓
Door hinges: Right reversible
Door hinge replacement: Possible for customer
Door seal: Replaceable
Height-adjustable feet: —
Castors: —
Type of castors: —
Type of lock: mechanical
Max. installation altitude: 2,000m above sea level
Protection: 10-16 A
Connector cable (length): 3,000mm

