

Quality right down to the smallest detail



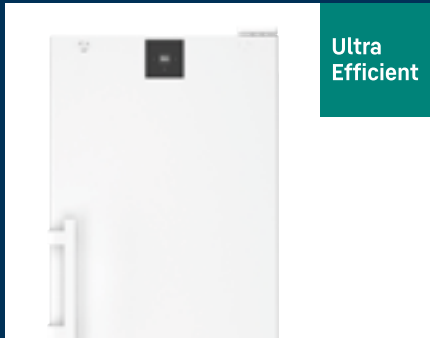
LED front lighting

The LED front lighting provides optimal illumination of the drawers even in dark environments. Thanks to the perfect overview, the desired substance is immediately at hand, the door can be quickly closed again, and the interior temperature remains stable. For low consumption and lower energy costs.



NoFrost technology

Liebherr professional laboratory appliances no longer need manual defrosting. Any moisture that occurs is bound by the fan-assisted cooling, and when necessary, defrosting phases remove any remaining moisture particles from of the interior – for convenient, safe, and ice-free storage.



Ultra-efficient

Energy-efficient refrigerators and freezers help with ever increasing electricity prices. Liebherr fully utilises the savings potential of every component – from the compressor to the seal, to the lighting and electronics. The ultra-efficient appliances in the Perfection series for example demonstrates how this has a positive effect on your overall operating costs.



±5 °C temperature stability

Sensitive substances cannot be subjected to large deviations from the set storage temperature. Liebherr freezers guarantee a temperature fluctuation of no more than ±5 °C, so that the valuable goods you store in them are optimally protected and their quality is preserved.



DIN 13277 compliance

Laboratory and pharmacy refrigerators from Liebherr meet all the necessary equipment and performance criteria to fully comply with DIN 13277. DIN 13277 defines the requirements and test specifications for refrigerators and freezers used in laboratories and for storing medicinal products.



IEC 61010-2-011

Liebherr refrigerators and freezers specially developed for storing temperature-sensitive products are CE safety-compliant. This ensures that all mechanical and electrical requirements for injury-free operation are met – and that you and your team are always safe.



SFFvh 5501

Perfection

Gross / net capacity	472 / 257 litre
Exterior dimensions in mm (w / d / h)	747 / 769 / 1793
Interior dimensions in mm (w / d / h)	603 / 510 / 1118
Energy consumption in 365 days ¹	540 kWh
Ambient temperature range	+10 °C to +35 °C
Heat output	725 kJ/h
Refrigerant	R 290
Sound power level	55 dB(A)
Voltage / frequency	220 – 240V~ / 50 Hz
Connection rating / Rated consumption watts	2.0 A / 250 W
Cooling system / Defrost	forced-air / automatic
Temperature range	-9 °C to -35 °C ²
Gradient ³ / max. fluctuation ⁴	5.5 °C / 4.4 °C
External cabinet finish	steel / white
Door material / colour	steel / white
Internal liner material	commercial grade moulded polystyrene
Type of control	2.4" touch & swipe colour display
Power failure alarm	immediately upon power failure for at least 12 hrs
Fault: warning signal / Volt-free alarm contact	visual and audible / yes
SmartMonitoring compatible / Connectivity type	yes / SmartModule
Connectivity solution / Interface	integrated, removable / WiFi/LAN
Data logger	integrated, USB interface
Interior light	LED
Adjustable shelves / Shelf material	4 / wire shelves plastic-coated
Usable shelf area in mm (w / d)	600 / 510
Shelf loading / Maximum total load	60 kg / 300 kg
Castors	castors with brake at the front, fixed castors at the rear
Drawers / Number of baskets included	6 / 2
Handle	antimicrobial handle with opening mechanism
Access ports	1 x Ø 10 mm
DIN 13277	yes
Type of lock	mechanical
Door hinges	right, reversible on site
Gross / net weight	113 / 104 kg

Accessories	
White grid shelf	7112590
White base grid	
Standard full-depth basket	9141791
Castors Ø 80 mm / Ø 100 mm	9086926 / -
Adjustable feet, 90 – 120 mm / 150 – 180 mm	9080022 / 9086924
Additional lock barrels (up to 5)	on request
Side-by-Side set in white	9017739
Product sensor (PT 1000)	6942678



SFFvh 4001

Perfection

Gross / net capacity	273 / 174 litre
Exterior dimensions in mm (w / d / h)	597 / 654 / 1884
Interior dimensions in mm (w / d / h)	420 / 400 / 1400
Energy consumption in 365 days ¹	292 kWh
Ambient temperature range	+10 °C to +35 °C
Heat output	479 kJ/h
Refrigerant	R 600a
Sound power level	46 dB(A)
Voltage / frequency	220 – 240V~ / 50 Hz
Connection rating / Rated consumption watts	2.0 A / 230 W
Cooling system / Defrost	forced-air / automatic
Temperature range	-9 °C to -35 °C ²
Gradient ³ / max. fluctuation ⁴	6.9 °C / 6.4 °C
External cabinet finish	steel / white
Door material / colour	steel / white
Internal liner material	commercial grade moulded polystyrene
Type of control	2.4" touch & swipe colour display
Power failure alarm	immediately upon power failure for at least 12 hrs
Fault: warning signal / Volt-free alarm contact	visual and audible / yes
SmartMonitoring compatible / Connectivity type	yes / SmartModule
Connectivity solution / Interface	integrated, removable / WiFi/LAN
Data logger	integrated, USB interface
Interior light	LED
Adjustable shelves / Shelf material	6 / wire shelves plastic-coated
Usable shelf area in mm (w / d)	420 / 400
Shelf loading / Maximum total load	45 kg / 315 kg
Castors	
Drawers / Number of baskets included	6 / -
Handle	antimicrobial handle with opening mechanism
Access ports	1 x Ø 10 mm
DIN 13277	yes
Type of lock	mechanical
Door hinges	right, reversible on site
Gross / net weight	86 / 81 kg

Accessories	
White grid shelf	7113416
White base grid	7112594
Standard full-depth basket	
Castors Ø 80 mm / Ø 100 mm	9086926 / 9080023
Adjustable feet, 90 – 120 mm / 150 – 180 mm	9080022 / 9086924
Additional lock barrels (up to 5)	on request
Side-by-Side set in white	9006786
Product sensor (PT 1000)	6942678

1 Measured at +25°C ambient temperature and +5°C set temperature for fridges and -20°C for freezers.
2 The temperature range is valid at a maximum ambient temperature of +30°C
3 Gradient as defined in EN 60068-3: the difference between the warmest and coldest average measurements, increased by their expanded uncertainty, throughout the duration.
4 Max. fluctuation as per EN 60068-3: greatest fluctuation value determined throughout the duration of measurements.