



Vaccine & Pharmacy Refrigerators

LIEBHERR

Refrigerators



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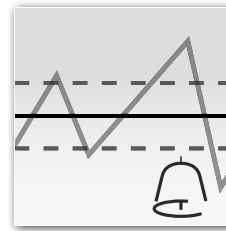
Quality right down to the smallest detail

Liebherr vaccine and pharmacy refrigerators are Quality Care Pharmacy Program compliant and purpose-built with high quality materials to meet the stringent standards needed by your pharmacy. Trust in the superior performance and reliability of Liebherr to store your valuable vaccine and refrigerated medicines safely and effectively at the precise temperature-controlled conditions.



Precise temperature control.

Vaccines and refrigerated medicines can be securely stored between +2°C and +8°C.



Integrated alarm system.

Audible and visual alarms alert users of temperature breaches, power failure and when door is left open for a set amount of time.

Integrated data memory.

Integrated data memory logs maximum and minimum internal temperature.



Temperature and alarm monitoring.

Alarms can be forwarded to remote monitoring systems using volt-free alarm contact. All vaccine and pharmacy refrigerators come with an external data logger for independent temperature monitoring and to comply with the "Strive for 5" Guidelines.

72
hours

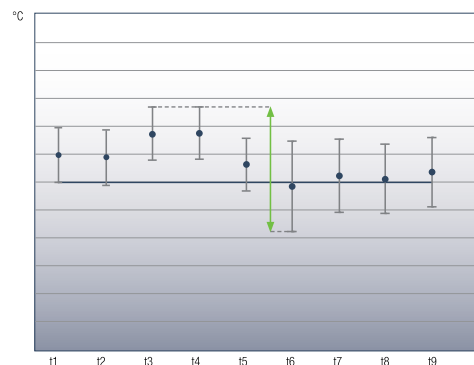
Battery back-up in event of power outage.

In case of power failure, the electronic controller of the LKPv 1420, LKPv 1423, LKPv 6520 and LKPv 6523 is powered by a 72 hour battery back-up which allows temperature and alarms to be monitored, and data to be transmitted to remote monitoring systems.



Quality Care Pharmacy Program compliant.

Independently tested in accordance with the "Strive for 5" Guidelines and the QCPP Standard which requires temperatures to be stable between +2°C and +8°C.



Maximum temperature consistency.

The forced-air cooling system and air flow provides a stable and consistent internal temperature, and highly efficient compressor offers good temperature recovery after door openings. Each unit is designed to EN 60068-3 for maximum temperature stability and reliable operation.



Physical and keypad locks for security.

A physical lock protects against unauthorised access and keypad lock prevents temperature and alarm setting changes without a passcode.



Versatile interior to meet dispensary demands.

The commercial grade polystyrol interior has channels to allow shelf height to be adjusted and optional Single AluCool® Drawers let users configure drawers to suit their individual needs.

Vaccine & Pharmacy Refrigerators



Superior Performance Refrigerators & Freezers

LKPv 1423 MediLine

LED

LKPv 1420 MediLine

Gross capacity	1397 litre	1366 litre
Exterior dimensions in mm (w/d/h)	1430 / 830 / 2160	1430 / 830 / 2160
Interior dimensions in mm (w/d/h)	1236 / 650 / 1500	1236 / 650 / 1550
Energy consumption in 365 days ¹	820 kWh	714 kWh
Ambient temperature range	+10 °C to +40 °C	+10 °C to +40 °C
Refrigerant	R 290	R 290
Sound power level	58 dB(A)	58 dB(A)
Voltage / Connection rating	220 – 240V~ / 4.0 A	220 – 240V~ / 4.0 A
Cooling system	forced-air	forced-air
Defrost	Automatic hot gas	Automatic hot gas
Temperature range	0 °C to +16 °C	-2 °C to +16 °C
Gradient ² / max. fluctuation ³	3.8 °C / 3.9 °C	3.6 °C / 2.9 °C
External cabinet finish	steel / white	steel / white
Door material	glass door	steel
Internal liner material	304-grade stainless steel	304-grade stainless steel
Type of control	electronic controller	electronic controller
Temperature display	external digital	external digital
Power failure alarm	immediately upon power failure for 72 hrs	immediately upon power failure for 72 hrs
Fault: warning signal	visual and audible	visual and audible
Interface / Volt-free alarm contact	RS 485 / yes	RS 485 / yes
Interior light	LED lighting, with separate switch	
Adjustable shelves	8	8
Usable shelf area in mm (w / d)	1236 / 640	1236 / 640
Shelf material	wire shelves plastic-coated	wire shelves plastic-coated
Shelf loading	60 kg	60 kg
Castors	castors with brake at the front, castors at the rear	castors with brake at the front, castors at the rear
Handle	full-length integrated handle	full-length integrated handle
Lock	fitted	fitted
Self-closing door	yes	yes
Door hinges	left hand / right hand	left hand / right hand
Gross / net weight	267 / 224 kg	249 / 206 kg
Accessories		
Shelf, plastic-coated	YL7112393	YL7112393
U-shaped trayslide, right	YL9001761	YL9001761
U-shaped trayslide, left	YL9001757	YL9001757
Foot pedal opener	YL9590639	YL9590659
Product temperature sensor	YL9590407	YL9590407
Roller Bars		
Additional lock barrels (up to 10)		

¹ Measured at +25°C ambient temperature and +5°C set temperature for fridges and -20°C for freezers

² Gradient as defined in EN 60068-3: the difference between the warmest and coldest average measurements, increased by their expanded uncertainty, throughout the duration.

³ Max. fluctuation as per EN 60068-3: greatest fluctuation value determined throughout the duration of measurements.

Vaccine & Pharmacy Refrigerators



LKPv 6523 MediLine

LED

LKPv 6520 MediLine

LKUv 1613 MediLine

LED

LKUv 1610 MediLine

617 litre	602 litre	152 / 132 litre	142 / 133 litre
700 / 830 / 2160	700 / 830 / 2160	601 / 618 / 820	601 / 618 / 820
533 / 650 / 1500	533 / 650 / 1550	440 / 435 / 670	440 / 435 / 670
571 kWh	497 kWh	369 kWh	273 kWh
+10 °C to +40 °C	+10 °C to +40 °C	+10 °C to +35 °C	+10 °C to +35 °C
R 290	R 290	R 600a	R 600a
58 dB(A)	58 dB(A)	47 dB(A)	47 dB(A)
220 – 240V~ / 4.0 A	220 – 240V~ / 4.0 A	220 – 240V~ / 1.0 A	220 – 240V~ / 1.0 A
forced-air	forced-air	forced-air	forced-air
Automatic hot gas	Automatic hot gas	Automatic	Automatic
0 °C to +16 °C	-2 °C to +16 °C	+3 °C to +16 °C	+3 °C to +16 °C
2.0 °C / 1.6 °C	1.8 °C / 1.0 °C	5.1 °C / 4.9 °C	4.3 °C / 4.6 °C
steel / white	steel / white	steel / white	steel / white
glass door	steel	glass door	steel
304-grade stainless steel	304-grade stainless steel	commercial grade moulded polystyrol	commercial grade moulded polystyrol
electronic controller	electronic controller	electronic controller	electronic controller
external digital	external digital	external digital	external digital
immediately upon power failure	immediately upon power failure	when mains power return	when mains power return
for 72 hrs	for 72 hrs		
visual and audible	visual and audible	visual and audible	visual and audible
RS 485 / yes	RS 485 / yes	RS 485 / yes	RS 485 / yes
LED lighting, with separate switch		LED lighting, with separate switch	
4	4	3	3
533 / 650	533 / 650	440 / 420	440 / 420
wire shelves plastic-coated	wire shelves plastic-coated	wire shelves plastic-coated	wire shelves plastic-coated
60 kg	60 kg	45 kg	45 kg
castors with brake at the front, fixed castors at the rear	castors with brake at the front, fixed castors at the rear		
full-length integrated handle	full-length integrated handle	slimline handle with integrated opening mechanism	slimline handle with integrated opening mechanism
fitted	fitted	fitted	fitted
yes	yes	yes	yes
right, reversible on site	right, reversible on site	right, reversible on site	right, reversible on site
164 / 138 kg	154 / 128 kg	45 / 43 kg	40 / 37 kg
YL7112393	YL7112393	YL7113333	YL7113333
YL9001761	YL9001761		
YL9001757	YL9001757		
YL9590659	YL9590659	YL9590145	YL9590145
YL9590407	YL9590407	YL9590521	YL9590521
		on request	on request

1 Measured at +25°C ambient temperature and +5°C set temperature for fridges and -20°C for freezers



Laboratory fridges with electronic controls

Gross capacity

Exterior dimensions in mm (w/d/h)

Interior dimensions in mm (w/d/h)

Energy consumption in 365 days¹

Ambient temperature range

Refrigerant

Sound power level

Voltage / Connection rating

Cooling system

Defrost

Temperature range

Gradient² / max. fluctuation³

External cabinet finish

Door material

Internal liner material

Type of control

Temperature display

Power failure alarm

Fault: warning signal

Interface / Volt-free alarm contact

Interior light

Adjustable shelves

Usable shelf area in mm (w / d)

Shelf material

Shelf loading

Castors

Handle

Lock

Self-closing door

Door hinges

Gross / net weight

Accessories

Shelf, plastic-coated

Adjustable legs

Additional lock barrels (up to 10)

Foot pedal opener

Roller bars

LKv 5710

MediLine

LKv 3913

MediLine

LED

LKv 3910

MediLine

583 / 540 litre

751 / 750 / 1844

634 / 538 / 1500

438 kWh

+10 °C to +35 °C

R 600a

52 dB(A)

220 – 240V~ / 1.5 A

forced-air

automatic

+3 °C to +16 °C

3.8 °C / 3.1 °C

steel / white

steel

commercial grade moulded polystyrol

electronic controller

external digital

when mains power return

visual and audible

RS 485 / yes

5

634 / 518

wire shelves plastic-coated

60 kg

castors with brake at the front, fixed

castors at the rear

slimline handle with integrated

opening mechanism

fitted

yes

right, reversible on site

99 / 89 kg

YL7113485

YL9094502

386 / 332 litre

601 / 618 / 1840

440 / 435 / 1635

480 kWh

+10 °C to +35 °C

R 600a

48 dB(A)

220 – 240V~ / 1.5 A

forced-air

automatic

+3 °C to +16 °C

5.6 °C / 4.7 °C

steel / white

glass door

commercial grade moulded polystyrol

electronic controller

external digital

when mains power return

visual and audible

RS 485 / yes

LED lighting, with separate switch

9

440 / 420

wire shelves plastic-coated

45 kg

slimline handle with integrated

opening mechanism

fitted

yes

right, reversible on site

88 / 82 kg

YL7113333

YL9590231

on request

YL9590380

361 / 333 litre

601 / 618 / 1840

440 / 435 / 1635

309 kWh

+10 °C to +35 °C

R 600a

48 dB(A)

220 – 240V~ / 1.5 A

forced-air

automatic

+3 °C to +16 °C

4.1 °C / 3.6 °C

steel / white

steel

commercial grade moulded polystyrol

electronic controller

external digital

when mains power return

visual and audible

RS 485 / yes

9

440 / 420

wire shelves plastic-coated

45 kg

slimline handle with integrated

opening mechanism

fitted

yes

right, reversible on site

70 / 65 kg

YL7113333

YL9590231

on request

YL9590380

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Shelves plastic-coated

Additional plastic-coated grid shelves can be retrofitted as required to provide extra storage options. The sturdy grid shelves have an extremely high loading capacity of up to 60 kg.



Additional lock barrels

Up to 10 additional lock barrels to protect the stored products against unauthorised access are available as accessories for the laboratory appliances with electronic controller. In case of multiple appliances, different locks can be installed to ensure that the respective appliance can only be accessed by the staff members responsible for it.



Foot-pedal door opener

Optional foot-pedal opener for hands-free use.



Roller bars and adjustable legs

30 mm high roller sets can be retrofitted to the under-worktop LKUv models and height-adjustable legs can be retrofitted to the upright LKv models. The legs are adjustable between 115 mm and 170 mm in height.

In order to guarantee optimum stability, roller sets must not be fitted to appliances which are installed using a connecting frame. This is only permitted for individual appliances.





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