

# Refrigerators BlackLine

Quality, Design and Innovation



# LIEBHERR

# BlackLine: Harmonious colour integration and the best product presentation

Liebherr's Blackline appliances feature a glass door and a classically elegant black design. They are ideally suited for presenting and refrigerating a variety of goods for a variety of purposes. The visually appealing and harmonious black

design combined with interior containers, some of which are silver, fits perfectly within existing spaces. Thanks to innovative lighting features, in these appliances the focus is always on the products. From under-worktop appliances to bottle coolers and wine storage cabinets, due to their variety of sizes BlackLine models also offer completely new interior design possibilities, for instance in sales areas, bars and restaurants. They also combine very well with stainless steel fronts and with other neutral fronts - from dark to white as well as wooden surfaces. And BlackLine also has another advantage: Built-in appliances discretely blend into the background, freestanding models take centre stage.



## BlackLine.

Liebherr appliances with a glass door in a classically elegant black design are ideal for the presentation and refrigeration of a variety of goods for a variety of purposes. Thanks to innovative lighting features, in these appliances the focus is always on the products. The visually appealing and harmonious black design fits perfectly within existing spaces. And BlackLine also has another advantage: Built-in appliances discretely blend into the background, freestanding models take centre stage.



## Special optional features available on customer-specific variants – Electronic Monitoring System.

The EMS controls offer highly convenient technology for even greater energy efficiency (available as an option on FKDV models). For example, the system detects door opening cycles and movements in front of the appliance. The refrigeration technology responds to these by adapting the cooling capacity and, in combination with a 'light off' function, this significantly reduces energy consumption.



## Maximised product visibility.

The full-height glass door improves product visibility. Furthermore, the cabinet configuration with this door design increases available net capacity. The special glass provides good insulation and helps to enhance the energy efficiency of the appliance (FKDV 4523).



## Perfect product presentation.

Liebherr glass door refrigerators are equipped with innovative LED lighting technology. Combined with special light covers, it ensures exceptionally uniform and bright yet energy-saving illumination of the products. The glass doors are tested to perform well in the most difficult humidity conditions.



## Suitable for under-worktop installation – and easily integrated.

The appliances can be sited beneath a worktop. In this case, a vent grille with a cross section of 200 cm<sup>2</sup> is required in the worktop for ventilation at the rear of the appliance. Without a ventilation grille, the aperture height must be at least 3 cm greater than the appliance height. The appliances are 83 cm high to comply with the specific work heights in catering applications.



## Forced air cooling system.

Fan-assisted cooling system ensures that products are chilled quickly and that the temperature is distributed evenly even throughout the interior. The automatic fan cut-out switch minimises the loss of cold air when the door is open.



## Reliable solution for maximum capacity.

The adjustable wire shelves have an extremely high loading capacity of up to 45 kg. They allow variable use of the interior – for all bottle sizes and packages. The sturdy slimline door handle is designed for intensive use. It is ergonomically positioned and easy to clean.



BlackLine-Refrigerators	FKDv 4523 version 875 PremiumPlus	FKDv 4213 version 744 Comfort	FKv 4143 version 744	FKv 3643 version 744	FKUv 1613 version 744 Premium
<b>Total gross/net capacity</b>	449/422 l	412/385 l	388/359 l	348/320 l	141/130 l
<b>Exterior dimensions in mm (w/d/h)</b>	600/696/2027	600/687/2010	600/610/1800	600/610/1640	600/615/830
<b>Interior dimensions in mm (w/d/h)</b>	456/516/1804	456/516/1660	470/440/1612	470/440/1452	440/435/670
Energy consumption in 365 days <sup>1</sup>	650 kWh	564 kWh	465 kWh	447 kWh	328 kWh
Ambient temperature range	+10 °C to +32 °C	+10 °C to +32 °C	+10 °C to +38 °C	+10 °C to +38 °C	+16 °C to +38 °C
Refrigerant	R 600a	R 600a	R 600a	R 600a	R 600a
Sound power level	52 dB(A)	52 dB(A)	48 dB(A)	48 dB(A)	45 dB(A)
Connection rating	1.5 A/150 W	1.5 A/150 W	1.5 A/180 W	1.5 A/160 W	1.0 A/80 W
Frequency/voltage	50 Hz/220–240V~	50 Hz/220–240V~	50 Hz/220–240V~	50 Hz/220–240V~	50 Hz/220–240V~
Cooling system/Defrost	forced-air/automatic	forced-air/automatic	forced-air/automatic	forced-air/automatic	forced-air/automatic
Temperature range	+2 °C to +12 °C	+2 °C to +12 °C	+1 °C to +15 °C	+1 °C to +15 °C	+1 °C to +15 °C
External cabinet finish	steel/black	steel/black	steel/black	steel/black	steel/black
Door/lid material	glass door	glass door	glass door	glass door	glass door
Internal liner material	moulded polystyrol (silver)	moulded polystyrol (silver)	moulded polystyrol (silver)	moulded polystyrol (silver)	moulded polystyrol (silver)
Type of control	electronic controller	analogue control	analogue control	analogue control	electronic controller
Temperature display	internal digital	internal analogue	external digital	external digital	external digital
Fault: warning signal					visual and audible
Interior light	LED vertical lighting to both sides, in parallel with the display	LED vertical lighting, switched in parallel with display	LED lighting, with separate switch	LED lighting, with separate switch	LED lighting, with separate switch
Adjustable shelves	6	5	5	4	3
Shelf material	clear-coated wire shelves	clear-coated wire shelves	clear-coated wire shelves	clear-coated wire shelves	clear-coated wire shelves
Loading capacity 0.5L PET	304	256	256	210	65
Loading capacity 0.33L can	608	512	512	466	167
Shelf loading	45 kg	45 kg	45 kg	45 kg	45 kg
Handle	Heavy-duty aluminium handle	ergonomic slimline handle	ergonomic slimline handle	ergonomic slimline handle	ergonomic slimline handle
Lock	fitted	fitted	fitted	fitted	fitted
Self-closing door	yes				yes
Door hinges	right, reversible on site	right, reversible on site	right, reversible on site	right, reversible on site	right, reversible on site
Gross/net weight	93.8/88 kg	86/79 kg	82/76 kg	75/70 kg	45/42 kg
<b>Accessories</b>					
Shelf, plastic-coated		7113267	7113413	7113413	7113333
Shelf, clear-coated	7112585		7112537	7112537	7112321
Base grid	7113265	7113265	7113265	7113265	7113265
Wooden grid	7114000	7114000			
Perforated shelf cover	7746179	7746179			
Scanner rail	7435063	7435063	7435063	7435063	
Gravity feed shelf on telescopic runners	9007659	9007659	9007659	9007659	
Gravity feed shelf without runners	9007045	9007045			
Protection bracket	7790671	7790603	7790747	7790773	
Castors for the protection bracket	7790761	7790761	7790761	7790761	
Lock		on request	on request	on request	on request
Roller bars					9086607
Adjustable legs				9590231	
Side-by-Side set	9902462	9902275			
Optional castor base				9086323	

<sup>1</sup> Measured with light switched off

# The ideal storage temperature for wine

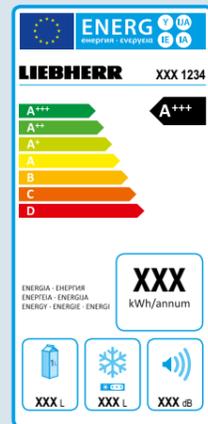
Where wine is concerned, correct temperatures are always important. From the air temperature which ensures perfect growth of the grapes, to that which governs the aging processes in production, to the balanced temperature for storage of the finished wine. Above all, temperature ultimately defines a wine's taste and palate – the serving temperature will determine how much it is savoured and enjoyed.

## Wine storage cabinet WKb 4212

Wine storage cabinets offer similar conditions to a wine cellar. They are therefore an ideal choice for both long-term storage and storage of large wine stocks, always achieving the perfect serving temperature. The temperature can be adjusted from +5 °C to +20 °C as appropriate, and is both even and constant throughout the entire appliance interior.

## Multi-temperature wine cabinet WTb 4212

Multi-temperature wine cabinets from the Vinothek range offer versatile storage for different types of wine, each at its perfect drinking temperature. The innovative climate technology that we use creates temperature graduation within the appliance. As a result red wine can be stored in the upper section at +18 °C; in the lower section a temperature of +5 °C is ideal for storing sparkling wine or champagne; and in the middle section the temperature is perfect for white wine.



## Extremely low energy consumption

Liebherr has always been committed to energy efficiency, which plays a key role from the design stage onward.

Precision electronic controllers combined with optimised refrigeration components, highly insulating materials and very efficient compressors ensure that our appliances provide excellent energy efficiency.

Once again, Liebherr is leading the way with its current range of refrigerators and freezers, offering an attractive selection of appliances in energy efficiency classes A+ to A+++/-20%.

These models are only intended for storing wine. Maximum DIN norm bordeaux bottles capacity (0.75 l) as per norm NF H 35-124 (H: 300.5 mm, Ø 76.1 mm)

Information on energy consumption: With +25°C ambient temperature, switched-off interior light and +12°C interior temperature. Commission Delegated Regulation (EU) EN 153:2006

Climate Ratings:  
**SN** +10 °C to +32 °C    **ST** +16 °C to +38 °C  
**N** +16 °C to +32 °C    **T** +16 °C to +43 °C



## Wine cabinets Vinothek

<b>Total gross/net capacity</b>		
<b>Max. No. of Bordeaux bottles 0.75 Ltr</b>		
<b>Exterior dimensions in mm (w/d/h)</b>		
<b>Interior dimensions in mm (w/d/h)</b>		
Energy efficiency class <sup>1</sup>		
Energy consumption year/24 hrs		
Climate rating		
Ambient temperature range		
Refrigerant		
Sound power level		
Connection rating		
Frequency/voltage		
Cooling system		
FreshAir activated charcoal filter		
Humidity control via		
Temperature zones		
Adjustable cooling circuits		
Temperature range		
Door		
Side walls		
Type of control/display		
Fault: warning signal		
Door open: warning signal		
Child lock function		
Interior light permanently activated		
Shelf material		
Storage shelves		
Height-adjustable shelves		
Design		
Handle		
Door hinges		
Replaceable door seal		
Gross/net weight		

## WKb 4212 Vinothek Wine storage cabinet

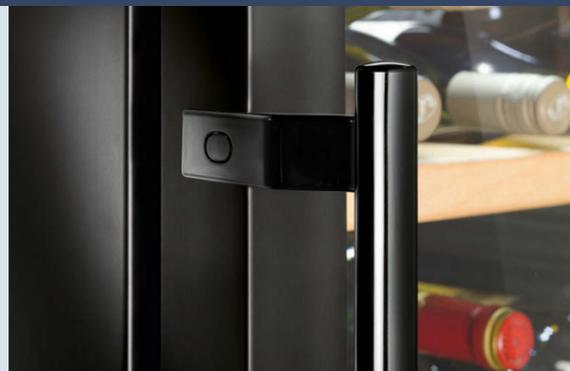
427/395 l
200
600/739/1650
500/560/1466
<A>
168/0.458 kWh
SN-ST
+10 °C to +38 °C
R 600a
41 dB(A)
1.0 A
50 Hz/220–240V~
forced-air
yes
switchable ventilation
1
+5 °C to +20 °C
Glass door, frame black
black
MagicEye/external digital
visual and audible
audible
yes
yes
wooden shelf
6
yes
HardLine
Slimline door handle black
right, reversible on site
yes
85/79 kg

## WTb 4212 Vinothek Multi-temperature wine cabinet

427/395 l
200
600/739/1650
500/560/1466
<A>
168/0.460 kWh
SN-ST
+10 °C to +38 °C
R 600a
41 dB(A)
1.0 A
50 Hz/220–240V~
static
yes
Lava stone
6
1
+5 °C to +18 °C
Glass door, frame black
black
MagicEye/external digital
visual and audible
audible
yes
yes
wooden shelf
6
yes
HardLine
Slimline door handle black
right, reversible on site
yes
86/78 kg

## Accessories

FreshAir active carbon filter	9881291	9881291
Retrofit lava stone kit		9591517
Wooden shelf	9881263	9881263
Clip-on labelling system	9094559	9094559
Lock	9094443	9094443



## UV protection

The tinted safety glass in the Liebherr wine cabinets guarantees the essential UV protection for your fine wines. The slimline door handle in black is aesthetically pleasing and ergonomically designed for ease of opening.

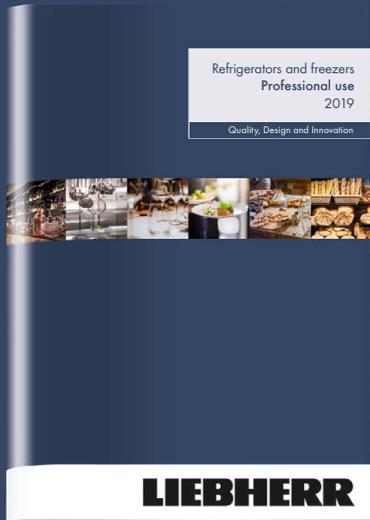


## Interior light

The appliances with glass doors feature an interior light which has a separate switch for the ideal presentation of your best wines.

# Liebherr commercial appliances can be found at specialist retailers where providing first-class service and expert advice is their top priority.

You can find an overview of all Liebherr appliances in our catalogues. Available in stores or on [home.liebherr.com](http://home.liebherr.com).



## Smart communication on all fronts



Discover the world of Liebherr-Appliances with the latest interesting news, stories, valuable tips and tricks on food storage, recipes and lots more besides!



Click the link to directly access our social media channels: [socialmedia.home.liebherr.com](http://socialmedia.home.liebherr.com)



The Liebherr-Hausgeräte YouTube channel provides interesting and helpful films showing you the functions of Liebherr refrigerators and freezers.



Learn all about our current social media channels. [socialmedia.home.liebherr.com](http://socialmedia.home.liebherr.com)



Find out which app is available for which operating system (Apple, Android etc.), and which device type. [apps.home.liebherr.com](http://apps.home.liebherr.com)

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