

Wine
Special 2016



LIEBHERR

Quality, Design and Innovation



WTes 5972

Fully developed for the enjoyment of 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.



Scan the code with your Smartphone to find out more about Wine. wine.liebherr.com



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The ideal storage temperature for wine

___ The ideal long term storage temperature for wine is between + 10°C and + 12°C. It is critical that the temperature is kept as constant as possible because this is the only way that a wine's natural harmony will be preserved. ___

As the temperature rises, the wine molecules kinetic energy increases and this accelerates the aging process causing the wine to deteriorate. Consequently, storage temperatures of between +10°C and +12°C are recommended for storing wine over prolonged periods. Maintaining a constant temperature is most important, as fluctuations during storage will impair the quality of the wine. Furthermore, the temperature at which a wine is consumed also plays a crucial role in how it tastes. Red wines should be served at a warmer temperature than white wines because they contain more tannins (polyphenols).

Tannins react with oxygen more quickly at higher temperatures. This is what happens in the process of allowing a wine to »breathe«, when the full aroma and taste are only achieved once the wine has combined with oxygen. The length of time for which a wine should breathe depends on its variety and quality. Barolo, Rioja, Burgundy and Bordeaux each take a different amount of time to develop. In general, the longer a wine matured in the barrel, the more likely it is to need a longer breathing time for full enjoyment.

Perfect storage and temperature control with Liebherr

Electronic control system. Liebherr's highly precise electronic control systems and advanced air conditioning technologies guarantee appliances maintain a constant interior temperature, even in the event of major fluctuations in the ambient temperature.

Long-term storage. With constant temperatures and a perfectly controlled climate, Liebherr's wine storage cabinets and Vinidor models provide the very best conditions for wine to age without disturbance, and to develop fully during storage.

Optimum drinking temperature. In our Vinidor wine cabinets, which offer two or three wine safes, different wines can be stored according to their ideal serving temperature. Each wine safe can be independently programmed to between +5°C and +20°C, giving great storage flexibility.

In the multi-temperature wine cabinets in our Vinothek range, specialised climate technology is used to achieve temperature stratification within the appliance. Lower temperatures in the bottom section are ideal for sparkling wines and champagne, whereas a temperature of about +18°C in the upper section is perfect for red wines. Meanwhile, the temperature in the middle section brings white wines to an ideal serving temperature.



Optimum air quality

___ The quality of the ambient air is essential if the wine is to develop fully and be enhanced during storage – any airborne contaminants can be transferred to the wine and spoil it. ___

Classic natural corks very adequately keep the wine in the bottle, but in no way do they hermetically seal it. As a result, air, which is far more than odourless oxygen, infiltrates the bottle passing down the edges of the cork. If the bottles are stored in a cardboard box, the wine can take on the odour of the cardboard. But food odours in particular present problems. When storing wine at home, especially in a kitchen

environment, wines will almost certainly lose their »terroir and type« characteristics – i.e. they will spoil! Although glass stoppers and screw caps provide airtight closures for bottles, wines inevitably age more slowly because only the oxygen in the bottle is available to them. Synthetic corks allow too much air into the bottle, making them much less suitable for long-term storage of wine altogether.

Optimum air quality with Liebherr

Optimum air-freshness. All Liebherr wine cabinets are fitted with FreshAir activated-charcoal filters, which ensure optimum air quality within the appliance. The active-charcoal reacts with any contaminants, binding them to its surface, and thereby filtering them from the incoming-air. In the Vinidor appliances, each individual wine zone has a FreshAir activated charcoal filter. Only the Vinidor appliances UWT 1682 (TipOpen under-worktop appliance), UWTeS 1672 (under-worktop appliance) and WTes 1672 (table height, under-worktop) have one FreshAir activated charcoal filter in the divider to filter both zones. This prevents odours from the ambient air affecting the taste of the wines stored in the interior. Filters should ideally be replaced once a year. They can be ordered as an accessory and are easy to replace.

Ideal humidity. If wines are to be stored for prolonged periods, the correct humidity is essential. At humidity levels below 50%, even the best natural corks start to shrink. This allows more and more oxygen to penetrate the bottle, and evaporation to occur; and, as the fill level drops, oxidation increases. Wines become gradually sweeter until they spoil completely. However, with humidity levels of at least 50%, Liebherr wine cabinets ensure the best conditions for both corks and wine. Thanks to an impressive vaporiser system and specially regulated air circulation, high humidity levels are sustained in all wine storage cabinets.

Our Vinothek multi-temperature wine cabinets, with graduated temperature zones, are fitted with porous lava stone, which controls humidity within these appliances.



Best environment for fine wines

___ For perfect storage the wine should not be disturbed. ___

Even small vibrations caused by the noise of machinery, road traffic or frequent footfall can harm old wines. The wine is imperceptibly »shaken up«, and the sediment is disturbed. This leads to increased reactions between the different components of the wine, which then creates undesirable compounds that leave the wine tasting odd and

inharmonious – something like what is seen straight after the filling process. Wine bottles are usually stored lying down so that their corks are constantly moistened and cannot dry out. On the other hand, bottles with screw caps or glass stoppers can be stored upright without any problem as they provide an airtight seal for the wine.

Optimum storage with Liebherr

Protection against vibration. The specially developed, low-vibration compressors used in Liebherr wine cabinets provide gentle storage conditions. In the new Vinidor wine cabinets, the entire refrigeration system is fully vibration dampened to minimise vibration transmission. Accordingly, appliances make very little operating noise, and the wine can be stored with minimal disturbance.

Optimum position. Wine is able to age in peace on stable, handcrafted wooden shelves. These shelves are unvarnished so that varnish vapours do not damage the wine. The wooden shelves are ideal for safely storing Bordeaux bottles, and positioning the wine bottles in opposite directions on the shelves allows optimum use of the appliance's capacity. In the Vinidor appliances, the wooden shelves are fitted to telescopic rails to provide a clear overview of the bottles, and to ensure easy access – even to those at the back. The presentation shelf is ideal for showcasing fine wines and also maintains opened bottles at a perfect temperature.

Soft closing. The door closes softly automatically from an opening angle of about 45° (freestanding wine cabinets) and 30° (integrated wine cabinets) to prevent any vibrations that could damage the wine.



Protection against ultraviolet light

___ Most wine bottles are tinted as ultraviolet rays pose a danger to all wines. ___

Light, in particular the invisible rays from the ultraviolet spectrum, is a common cause of undesirable chemical reactions in wines. The consequences of light-damage are visible to the eye: pale red wines, and white wines that take on a golden-yellow colour. »Light-strike« (or »Goût de Lumière« as the French know it) destroys the wine's balance and flattens its aroma and, to avoid it, most producers

bottle their wine in brown or green glass, which absorbs a great deal of the UV rays. However, this alone is not enough for bottles that are not stored in the dark. Slight temperature increases caused by light radiation can also damage the wine – they make it age quicker thereby altering the natural development processes, even to the extent that the wine can be permanently destroyed.

UV protection with Liebherr

Insulated glass doors with UV protection. To minimise the effects of UV rays, Liebherr wine cabinets are fitted with special UV-resistant insulation glass. The UV protection is provided by a special dual-pane structure, which incorporates an inner, tinted-glass pane and an outer, metallised, low-E (low-emittance) pane. This glass composite reflects nearly all the damaging UV radiation and prevents any deterioration of the wine.

LED lighting concept. This innovative technology ensures that the interior of the appliance is evenly lit without any UV radiation, as the LED light spectrum does not contain any UV rays. Furthermore, because of minimal heat generation with LEDs, the wines can be illuminated and beautifully presented permanently without any localised heating of the bottles.





The perfect range for wine aficionados

Vinidor range

Vinidor Side 16

The Vinidor range offers ultimate flexibility and combines the advantages of both wine storage cabinets and multi-temperature wine cabinets in a single appliance. Appliances in the range come with either two or three temperature zones, which can be set independently to the required temperature between +5°C and +20°C. Accordingly, an appliance with three temperature zones can simultaneously store red wine, white wine, and champagne all at their optimum serving temperature. Vinidor appliances also offer the perfect climate for long-term wine storage. The varying sizes of the temperature zones, together with the fully adjustable temperature controls, make these appliances suitable for just about any collection of wines.



Wine storage cabinets

GrandCru Side 26 Vinothek Side 34

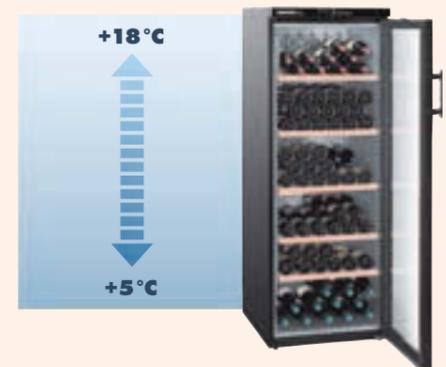
Wine storage cabinets offer similar conditions to a wine cellar. They are therefore an ideal choice for both long-term storage and storage of large wine stocks, always achieving the perfect serving temperature. The temperature can be adjusted from +5°C to +20°C as appropriate, and is both even and constant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



Multi-temperature wine cabinets

Vinothek Side 40

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 gradation 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.





Vinidor range

The Vinidor range offers ultimate flexibility and combines the advantages of both wine storage cabinets and multi-temperature wine cabinets in a single appliance. Appliances in the range come with either two or three wine zones, which can be set independently to the required temperature between +5°C and +20°C. Accordingly, an appliance with three wine zones can simultaneously store red wine, white wine, and champagne all at their optimum serving temperature. Vinidor appliances also offer the perfect climate for long-term wine storage. The varying sizes of the wine zones, together with the fully adjustable temperature controls, make these appliances suitable for just about any collection of wines. The spring-loaded door seal helps maintain precise independent temperature control in each climate zone.



The electronic LC-Display is an innovative design feature. Clear menu navigation and a **Touch-electronic control system** provides yet more information for tailored storage conditions. The digital temperature display can be read from the outside of appliances with glass doors. The Touch-electronic navigation ensures easy selection and use of the numerous control functions.



The **LED lighting in the individual wine compartments can be dimmed** to give a pleasing ambient light inside the appliance. All Vinidor appliances are equipped with this innovative, no-heat LED lighting concept. The LED lighting can also be adjusted to operate continuously or in conjunction with door openings.



The **tinted safety glass** in the Liebherr wine cabinets guarantees the essential UV protection for your fine wines. The practical **aluminium door handle, with integrated opening mechanism**, allows the door of the appliance to be opened conveniently with a minimum of effort.



The integrated **lock** is exceedingly sturdy and protects against unauthorised access. A lock accessory is available when models are placed next to each other.



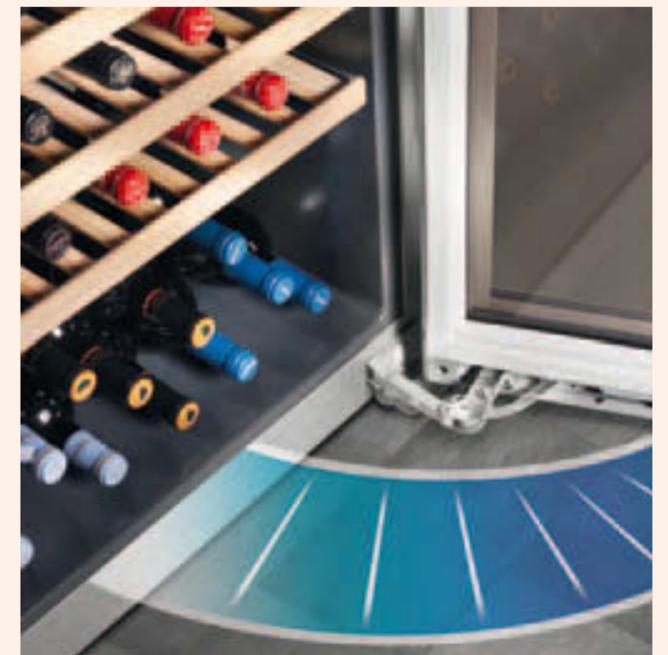
The Vinidor appliances are equipped with solid **wooden shelves mounted on telescopic rails**. The handcrafted shelves made from untreated wood are ideal for storing Bordeaux bottles safely, providing a clear view and easy access. Storing the bottles in opposite directions permits full use of the capacity. The **clip-on labelling system** provides a quick and clear overview of your wine store.



The practical **presentation shelf** of the Vinidor models fulfills both bottle storage and bottle presentation functions. The bottles can be stored horizontally at the back of the cabinet.



The fresh air supplied through the **FreshAir activated charcoal filter** and re-circulating air cooling system ensures optimal air quality. This is crucially important for the maturing process and preservation of the wine. FreshAir charcoal filters are easily accessible from the front and are replaceable.



The **SoftSystem** feature provides added safety and convenience. Integrated on the door, the SoftSystem cushions movement when the door is closed. This SoftSystem ensures that the door closes gently even when fully loaded inside. The door automatically closes from an angle of approximately 45°.



WTes 1672



Vinidor range	WTes 5872 Vinidor	WTes 5972 Vinidor	WTpes 5972 Vinidor	WTes 1672 Vinidor
	LED Soft System Telescopic Rails	LED Soft System Telescopic Rails	LED Telescopic Rails	LED Telescopic Rails
Max. No. of Bordeaux bottles 0.75 Ltr ¹	178	211	155	34
Total gross/net capacity	578/496 litre	593/516 litre	593/516 litre	123/95 litre
Energy efficiency class	<A> ⁵	<A> ⁵	<A> ⁵	<A>
Energy consumption in 365 days/24 h ²	180/0.493 kWh ⁵	182/0.498 kWh ⁵	182/0.498 kWh ⁵	137/0.375 kWh
Noise output	37 dB(A)	38 dB(A)	38 dB(A)	38 dB(A)
Climate rating ³	SN-ST	SN-ST	SN-ST	SN-ST
Voltage / Connection rating	220-240V~/1.0 A	220-240V~/1.0 A	220-240V~/1.0 A	220-240V~/0.8 A
Door	Insulated glazed door	Insulated glazed door	Insulated glazed door	Insulated glazed door
Side walls	stainless steel frame	stainless steel frame	stainless steel frame	stainless steel frame
	stainless steel	stainless steel	stainless steel	stainless steel
Wine storage compartment				
Temperature zones / -range	3/+5°C to +20°C	2/+5°C to +20°C	2/+5°C to +20°C	2/+5°C to +20°C
Adjustable cooling circuits	3	2	2	2
Type of control / display	LCD Display / internal digital	LCD Display / internal digital	LCD Display / internal digital	LCD Display / internal digital
Forced air system	•	•	•	•
Defrosting	Automatic	Automatic	Automatic	Automatic
Interior light	LED	LED	LED	LED
permanently activated / dimmable	• / •	• / •	• / •	• / •
Shelf material	wooden shelf	wooden shelf	wooden shelf	wooden shelf
Storage shelves	13	10	6	5
running on telescopic rails	10	8	5	3
Presentation shelf	1	1		
Pull-out shelf for upright bottles			2	
Fault: warning signal	visual and audible	visual and audible	visual and audible	visual and audible
Door open: warning signal	audible	audible	audible	audible
Child lock function	•	•	•	•
Dimensions				
Exterior dimensions in cm (h/w/d ⁴)	192/70/74.2 ⁵	192/70/74.2 ⁵	192/70/74.2 ⁵	82.2/60/57.5
Features				
Design	HardLine	HardLine	HardLine	HardLine
SoftSystem	•	•		
Slimline door handle	Aluminium handle	Aluminium handle	Stainless steel slimline door handle	Stainless steel slimline door handle
with integrated opening mechanism	•	•		
Door hinges	right, reversible	right, reversible	right, reversible	right, reversible
Lock	•	•	•	•
Accessories (see page 42/43)				
	01, 04, 06, 08, 09	01, 04, 06, 08, 09	01, 06, 08, 09	01, 06, 08, 09

¹ 2/3/4 Notes see pages 30/31

⁵ To achieve the indicated energy consumption level, the wall spacers provided with the appliance must be used. These increase the appliance depth by approximately 3.5 cm. If the wall spacers are not used, the appliance will remain fully functional, but will have a slightly higher energy consumption level.



UWKes 1752 & UWTes 1672



Vinidor range

Max. No. of Bordeaux bottles 0.75 Ltr ¹
Total gross/net capacity
Energy efficiency class
Energy consumption in 365 days/24 h ²
Noise output
Climate rating ³
Voltage / Connection rating
Door

Side walls

Wine storage compartment

Temperature zones / -range
Adjustable cooling circuits
Type of control / display
Forced air system
Defrosting
Interior light
permanently activated / dimmable
Shelf material
Storage shelves
running on telescopic rails
Presentation shelf
Fault: warning signal
Door open: warning signal
Child lock function

Dimensions

Aperture dimensions in cm (h/w/d ⁴)

Features

SoftSystem
Slimline door handle
Door hinges
Lock

Accessories (see page 42/43)

WTEes 2053 Vinidor

LED
Soft System
Telescopic Rails
Built-in
Built-in for integrated use

64
195/184 litre
<A>
155/0.423 kWh
39 dB(A)
SN-ST
220-240V~/1.2 A
Insulated glazed door
stainless steel frame
silver

2/+5°C to +20°C
2
MagicEye/internal digital
•
Automatic
LED
• / •
wooden shelf
6
4
2
visual and audible
audible
•

122.1-122.5/56-57 / at least 55

•
Stainless steel slimline door handle
right, reversible
Lock

01, 06, 08, 09

WTI 2050 Vinidor

LED
Soft System
Telescopic Rails
Built-in
Built-in for integrated use

55
195/184 litre
<A>
140/0.383 kWh
39 dB(A)
SN-T
220-240V~/1.2 A
Full door
silver

2/+5°C to +20°C
2
MagicEye/internal digital
•
Automatic
LED
• / •
wooden shelf
6
4
2
visual and audible
audible
•

122-123.6/56-57 / at least 55

•
Stainless steel slimline door handle
right, reversible
Lock

01, 06

UWTes 1672 Vinidor

LED
Telescopic Rails
Built-in
Under-worktop appliance

34
123/94 litre

196/0.535 kWh
38 dB(A)
SN-ST
220-240V~/0.8 A
Insulated glazed door
stainless steel frame
silver

2/+5°C to +20°C
2
MagicEye/internal digital
•
Automatic
LED
• / •
wooden shelf
5
3
visual and audible
audible
•

82-87/60 / at least 58

•
Stainless steel slimline door handle
right, reversible
Lock

01, 06, 08, 09

Wine cabinet with TipOpen Technology



TipOpen technology. The double-glazed door opens 6 cm when tapped and, if the door is not opened further within three seconds, the soft-closing system will activate and gently and quietly close the door again.



Appliances in the Vinidor range feature two separately-controllable, independent wine compartments, each of which can be set to between +5°C and +20°C. The precise **electronic controls** have a digital temperature display and are easy to use, via either a touch screen interface or electronic keys depending on the model.



The fresh air supplied through the **FreshAir activated charcoal filter** and re-circulating air cooling system ensures optimal air quality. This is crucially important for the maturing process and preservation of the wine. FreshAir charcoal filters are easily accessible from the front and are replaceable.



The **SoftSystem** gentle-closing mechanism cushions movement as the door is shut to ensure extremely gentle closing, preventing vibration, which affects the quality of the wine. The door will close automatically from an opening angle of approx. 30°.

Vinidor range

Under-worktop appliance

Max. No. of Bordeaux bottles	0.75 Ltr ¹
Total gross / net capacity	123 / 94 litre
Energy efficiency class	<A>
Energy consumption in 365 days/24 h ²	144 / 0.392 kWh
Noise output	36 dB(A)
Climate rating ³	SN-ST
Voltage / Connection rating	220-240V~ / 0.8 A
Door	flush-mount insulated glass door
Side walls	silver

Wine storage compartment

Temperature zones / -range	2 / +5°C to +20°C
Adjustable cooling circuits	2
Type of control / display	LCD Display / internal digital
Forced air system	•
Defrosting	Automatic
Interior light	LED
	permanently activated / dimmable
Shelf material	wooden shelf
Storage shelves	5
	running on telescopic rails
3	
Fault: warning signal	visual and audible
Door open: warning signal	audible
Child lock function	•

Dimensions

Aperture dimensions in cm (h/w/d⁴)

Features

SoftSystem	•
TipOpen Technology	•
Door hinges	right, reversible

Accessories (see page 42 / 43)

01, 06

UWT 1682 Vinidor

Tip Open	LED	Soft System	Telescopic Rails	Built-in
----------	-----	-------------	------------------	----------

82-87

34
123 / 94 litre
<A>
144 / 0.392 kWh
36 dB(A)
SN-ST
220-240V~ / 0.8 A
flush-mount insulated glass door
silver

2 / +5°C to +20°C
2
LCD Display / internal digital
•
Automatic
LED
• / •
wooden shelf
5
3
visual and audible
audible
•

82-87 / 60 / at least 58

•
•
right, reversible

01, 06



Scan the code with your Smartphone to find out more about UWT 1682.

Wine storage cabinets GrandCru

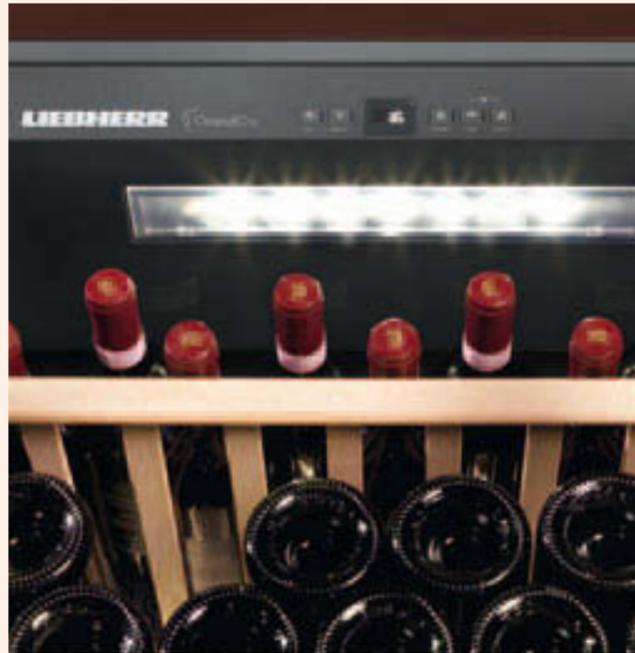
Wine storage cabinets can be set to exactly the temperature required within the range of +5°C to +20°C. This ensures that the selected temperature is maintained constantly and uniformly throughout the interior. Our wine storage cabinets are ideal for storing wines for long periods of time to allow them to mature to perfection. Depending on what temperature the appliances are set to, they can also be used for keeping white wine or red wine at exactly the right temperature for serving.



WKEgb 582



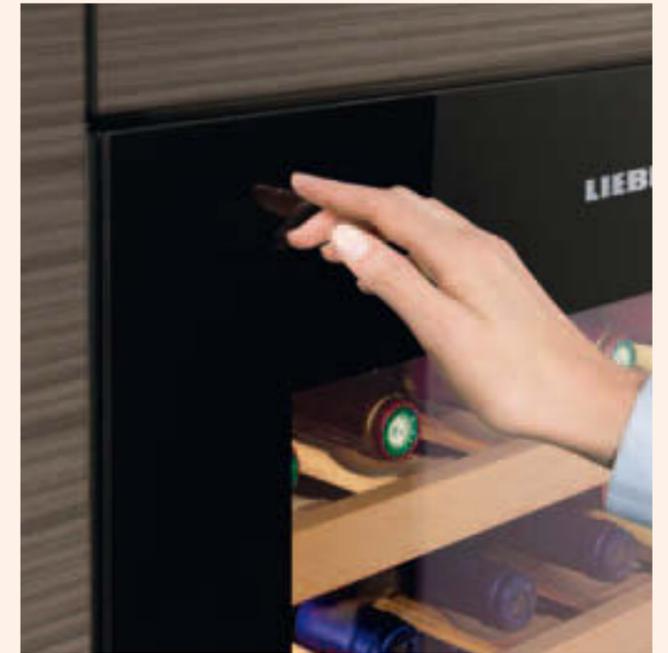
The precision **electronic control system** is clearly arranged in the insulation plate. The digital temperature display can be read from the outside of appliances with glass doors. The door and temperature alarm alerts the user to any irregularities, e.g. a door that has been left open. The child lock prevents any inadvertent changes to the control system.



The **LED lighting in the wine cooling compartment can be dimmed** to give a pleasing ambient light inside the appliance. For ideal presentation of your best wines, the interior light with separate switch in appliances with glazed door.



The **tinted safety glass** in the Liebherr wine cabinets guarantees the essential UV protection for your fine wines. The practical **aluminium handle, with integrated opening mechanism**, allows the door of the appliance to be opened conveniently with a minimum of effort.



Liebherr's touch opening door with **TipOpen technology** integrates perfectly into kitchens with a handle-free design. When gently touched, the glass door automatically opens by about 5 cm, ready for full opening. If the door is not opened further within three seconds (approx.), the **SoftSystem** closing mechanism automatically shuts it again.



The **bottle shelves, made of untreated wood** are variably height-adjustable to provide an optimum overview and a clear storage layout. The bottles can be stored in opposite directions to make full use of the capacity. The wooden shelves are designed to safely hold Bordeaux bottles.



The **clip-on labelling system** provides a quick and clear overview of your wine store. The labelled cards can be easily inserted into the clips which can be attached as required.



The practical **presentation shelf** of the Vinidor models fulfills both bottle storage and bottle presentation functions. The bottles can be stored horizontally at the rear.



The fresh air supplied through the **FreshAir activated charcoal filter** and recirculating air cooling system ensures optimal air quality. This is crucially important for the maturing process and preservation of the wine. FreshAir charcoal filters are easily accessible from the front and are replaceable.



Wine storage cabinets GrandCru	WKt 6451 GrandCru A++ LED	WKt 5552 GrandCru A+ LED	WKt 5551 GrandCru A++ LED	WKes 4552 GrandCru A+ LED	WKt 4552 GrandCru A+ LED	WKt 4551 GrandCru A++ LED	UWKes 1752 GrandCru LED Telescopic Rails Built-in Under-worktop appliance	WKes 653 GrandCru A++ LED Smart Steel
Max. No. of Bordeaux bottles 0.75 Ltr ¹	312	253	253	201	201	201	46	12
Total gross/net capacity	666/625 litre	573/525 litre	547/499 litre	478/435 litre	478/435 litre	456/413 litre	135/110 litre	56/38 litre
Energy efficiency class	<A++	<A+	<A++	<A+	<A+	<A++	<A+	<A++
Energy consumption in 365 days/24 h ²	118/0.323 kWh	140/0.382 kWh	111/0.302 kWh	133/0.364 kWh	133/0.364 kWh	106/0.288 kWh	145/0.396 kWh	75/0.205 kWh
Noise output	41 dB(A)	41 dB(A)	39 dB(A)	41 dB(A)	41 dB(A)	39 dB(A)	38 dB(A)	40 dB(A)
Climate rating ³	SN-T	SN-ST	SN-T	SN-ST	SN-ST	SN-T	SN-ST	SN
Voltage/Connection rating	220-240V~/1.0 A	220-240V~/1.0 A	220-240V~/1.0 A	220-240V~/1.0 A	220-240V~/1.0 A	220-240V~/1.0 A	220-240V~/0.8 A	220-240V~/0.5 A
Door	Full door, terra	Insitd glazed door, terra frame	Full door, terra	Insitd glazed door, S/Steel frame	Insulated glazed door, terra frame	Full door, terra	Insulated glazed door, stainless steel frame	Insitd glazed door, S/Steel frame/SmartSteel
Side walls	terra	terra	terra	stainless steel	terra	terra	silver	stainless steel with SmartSteel
Wine storage compartment								
Temperature zones/-range	1/+5°C to +20°C	1/+5°C to +20°C	1/+5°C to +20°C	1/+5°C to +20°C	1/+5°C to +20°C	1/+5°C to +20°C	1/+5°C to +20°C	1/+5°C to +20°C
Adjustable cooling circuits	1	1	1	1	1	1	1	1
Type of control/display	MagicEye/external digital	MagicEye/internal digital	MagicEye/internal digital	MagicEye/internal digital	MagicEye/internal digital	MagicEye/internal digital	MagicEye/internal digital	LCD Display/internal digital
Humidity control via	switchable ventilation	switchable ventilation	switchable ventilation	switchable ventilation	switchable ventilation	switchable ventilation	switchable ventilation	switchable ventilation
Forced air system	•	•	•	•	•	•	•	•
Defrosting	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Interior light	LED	LED	LED	LED	LED	LED	LED	LED
permanently activated/dimmable	• / -	• / -	• / -	• / -	• / -	• / -	• / -	• / •
Shelf material	wooden shelf	wooden shelf	wooden shelf	wooden shelf	wooden shelf	wooden shelf	wooden shelf	wooden shelf
Storage shelves	7	7	7	6	6	6	4	3
running on telescopic rails							3	
Height-adjustable shelves	•	•	•	•	•	•	•	•
Fault: warning signal	visual and audible	visual and audible	visual and audible	visual and audible	visual and audible	visual and audible	visual and audible	visual and audible
Door open: warning signal	audible	audible	audible	audible	audible	audible	audible	audible
Child lock function	•	•	•	•	•	•	•	•
Drawers for accessories								1
Dimensions								
Exterior/Aperture dimensions in cm (h/w/d ⁴)	193/74.7/75.9	192/70/74.2	192/70/74.2	165/70/74.2	165/70/74.2	165/70/74.2	82-87/60/at least 57.5	61.2/42.5/47.8
Interior dimensions in cm (h/w/d)	170/61.5/56	164/57.8/58.5	164/57.8/56	137/57.8/58.5	137/57.8/58.5	137/57.8/56		37/35/31
Features								
Design	SwingLine	HardLine	HardLine	HardLine	HardLine	HardLine		HardLine
Slimline door handle	Aluminium handle	Aluminium handle	Aluminium handle	Aluminium handle	Aluminium handle	Aluminium handle	Stainless steel slimline door handle	
with integrated opening mechanism	•	•	•	•	•	•		
Door hinges	right, reversible	right, reversible	right, reversible	right, reversible	right, reversible	right, reversible	right, reversible	right fixed
Lock	•	•	•	•	•	•	•	•
Accessories (see page 42/43)	01, 03, 06	01, 03, 04, 06	01, 03, 04, 06	01, 03, 04, 06, 08, 09	01, 03, 04, 06	01, 03, 04, 06	01, 06, 08, 09	01, 06, 07

¹ 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)

² With +25°C ambient temperature, switched-off interior light and +12°C interior temperature.
Commission Delegated Regulation (EU) No 1060/2010

³ Climate Ratings: SN +10°C to +32°C N +16°C to +32°C
ST +16°C to +38°C T +16°C to +43°C

⁴ incl. distance from wall



Built-in wine storage cabinets GrandCru

	WKEgb 582 GrandCru 45	WKEgw 582 GrandCru 45	WKEes 553 GrandCru 45
Max. No. of Bordeaux bottles 0.75 Ltr ¹	18	18	18
Total gross/net capacity	48/46 litre	48/46 litre	48/46 litre
Energy efficiency class	<A>	<A>	<A>
Energy consumption in 365 days/24 h ²	106/0.290 kWh	106/0.290 kWh	130/0.356 kWh
Noise output	34 dB(A)	34 dB(A)	32 dB(A)
Climate rating ³	SN-ST	SN-ST	SN
Voltage/Connection rating	220-240V~/0.5 A	220-240V~/0.5 A	220-240V~/0.5 A
Door	Insulated glazed door, black glass frame	Insulated glazed door, white glass frame	Insulated glazed door, stainless steel frame
Side walls	white	white	silver
Wine storage compartment			
Temperature zones/-range	1/+5°C to +20°C	1/+5°C to +20°C	1/+5°C to +20°C
Adjustable cooling circuits	1	1	1
Type of control	LCD Display	LCD Display	LCD Display
Display	internal digital	internal digital	internal digital
Humidity control via	switchable ventilation	switchable ventilation	switchable ventilation
Forced air system	•	•	•
Defrosting	Automatic	Automatic	Automatic
Interior light	LED	LED	LED
permanently activated/dimmable	• / •	• / •	• / •
Shelf material	wooden shelf	wooden shelf	wooden shelf
Storage shelves	3	3	3
running on telescopic rails	2	2	2
Fault: warning signal	visual and audible	visual and audible	visual and audible
Door open: warning signal	audible	audible	audible
Child lock function	•	•	•
Dimensions			
Aperture dimensions in cm (h/w/d ⁴)	45/56/at least 55	45/56/at least 55	45/56/at least 55
Features			
SoftSystem	•	•	
TipOpen Technology	•	•	
Drop down door/side opening door	• / -	• / -	- / •
Handle			recessed grip
Door hinges			right, reversible
Accessories (see page 42/43)			
	01	01	01, 06, 08, 09



	ZKes 453 Humidor
Humidor	
Total gross/net capacity	43/39 litre
Energy efficiency class	
Energy consumption in 365 days/24 h ²	162/0.443 kWh
Noise output	40 dB(A)
Climate rating ³	N
Voltage/Connection rating	220-240V~/0.5 A
Door	Insulated glazed door, stainless steel frame/SmartSteel
Side walls	stainless steel with SmartSteel
Features	
Temperature zones/-range	1/+16°C to +20°C
Air humidity	68% to 75%
Adjustable cooling circuits	1
Type of control	LCD Display
Display	internal digital
Forced air system	•
Interior light	LED
permanently activated/dimmable	• / •
Shelf material	Spanish cedar wood
Storage shelves	2
Fault: warning signal	visual and audible
Door open: warning signal	audible
Child lock function	•
Presentation boxes	2
Lock	•
Door hinges	right fixed
Wall mounting	possible
Dimensions	
Exterior dimensions in cm (h/w/d ⁴)	61.2/42.5/47.8
Interior dimensions in cm (h/w/d)	34/30/27.4
Accessories (see page 42/43)	
	01, 07



^{1/2/3/4} Notes see page 30/31

Wine storage cabinets Vinothek

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.



The precision **electronic control system** is located at the top of the cabinet housing. The digital temperature display can be read from the outside of appliances with glass doors. The door and temperature alarm alerts the user to any irregularities, e.g. a door that has been left open. The child lock prevents any inadvertent changes to the control system.



The appliances with glass doors feature an **interior light** which has a separate switch for

the ideal presentation of your best wines.



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.



The **untreated wooden storage shelves** are variably height-adjustable to provide an optimum overview and a clear storage layout. Storing the bottles in opposite directions on the pull-out shelves permits full use of the capacity. The wooden shelves are designed to safely hold Bordeaux bottles.



The **clip-on labelling system** provides a quick and clear overview of your wine store. The labelled

cards can be easily inserted into the clips which can be attached as required.



Environmental odours can have an impact on wine stored for longer periods. Fresh air is supplied to Liebherr wine cabinets through the easily replaceable **FreshAir activated charcoal filter** to ensure optimal air quality.



Wine storage cabinets Vinothek	WKb 4212 Vinothek	WKR 4211 Vinothek A ⁺⁺	WKb 3212 Vinothek	WKR 3211 Vinothek A ⁺	WKb 1812 Vinothek A [*]	WKR 1811 Vinothek A [*]
Max. No. of Bordeaux bottles 0.75 Ltr ¹	200	200	164	164	66	66
Total gross/net capacity	427/395 litre	409/377 litre	336/309 litre	322/295 litre	145/134 litre	145/128 litre
Energy efficiency class	<A	<A ⁺	<A	<A ⁺	<A	<A
Energy consumption in 365 days/24 h ²	168/0.458 kWh	103/0.282 kWh	161/0.441 kWh	99/0.269 kWh	113/0.307 kWh	113/0.308 kWh
Noise output	41 dB(A)	39 dB(A)	39 dB(A)	39 dB(A)	38 dB(A)	38 dB(A)
Climate rating ³	SN-ST	SN-T	SN-ST	SN-T	SN-T	SN-T
Voltage/Connection rating	220-240V~/1.0 A	220-240V~/1.0 A	220-240V~/0.8 A	220-240V~/0.8 A	220-240V~/0.5 A	220-240V~/0.5 A
Door	Insulated glazed door, black frame	Full door, bordeaux red	Insulated glazed door, black frame	Full door, bordeaux red	Insulated glazed door, black frame	Full door, bordeaux red
Side walls	black	black	black	black	black	black
Wine storage compartment						
Temperature zones / -range	1/ +5°C to +20°C	1/ +5°C to +20°C	1/ +5°C to +20°C	1/ +5°C to +20°C	1/ +5°C to +20°C	1/ +5°C to +20°C
Adjustable cooling circuits	1	1	1	1	1	1
Type of control / display	MagicEye/external digital	MagicEye/external digital	MagicEye/external digital	MagicEye/external digital	MagicEye/external digital	MagicEye/external digital
Humidity control via	switchable ventilation	switchable ventilation	switchable ventilation	switchable ventilation	switchable ventilation	switchable ventilation
Forced air system	•	•	•	•	•	•
Defrosting	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Interior light	•		•		•	
permanently activated/dimmable	• / -		• / -		• / -	
Shelf material	wooden shelf	wooden shelf	wooden shelf	wooden shelf	zincd rails	zincd rails
Storage shelves	6	6	4	4	3	3
Height-adjustable shelves	•	•	•	•	•	•
Fault: warning signal	visual and audible	visual and audible	visual and audible	visual and audible	visual and audible	visual and audible
Door open: warning signal	audible	audible	audible	audible	audible	audible
Child lock function	•	•	•	•	•	•
Dimensions						
Exterior dimensions in cm (h/w/d ⁴)	165/60/73.9	165/60/73.9	135/60/73.9	135/60/73.9	89/60/61.3	89/60/61.3
Interior dimensions in cm (h/w/d)	146.6/50/56	146.6/50/56	116.6/50/56	116.6/50/56	71/50/44	71/50/44
Features						
Design	HardLine	HardLine	HardLine	HardLine	HardLine	HardLine
Handle	Slimline door handle black	Slimline door handle black	Slimline door handle black	Slimline door handle black	Slimline door handle black	Slimline door handle black
Door hinges	right, reversible	right, reversible	right, reversible	right, reversible	right, reversible	right, reversible
Accessories (see page 42/43)	01, 03, 06, 10	01, 03, 06, 10	01, 03, 06, 10	01, 03, 06, 10	01, 05, 06, 10	01, 05, 06, 10

¹ 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)

² With +25°C ambient temperature, switched-off interior light and +12°C interior temperature.
Commission Delegated Regulation (EU) No 1060/2010

³ Climate Ratings: SN +10°C to +32°C N +16°C to +32°C
ST +16°C to +38°C T +16°C to +43°C

⁴ incl. distance from wall

Multi-temperature wine cabinets Vinothek

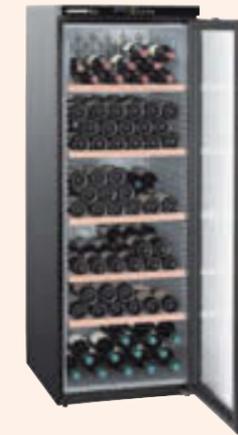
Multi-temperature wine cabinets are especially suited for storing different types of wine at their respective drinking temperatures. These appliances incorporate a special climate control system that can layer the temperatures. In the upper zone, for example, red wine can be kept at +18°C while the lower zone, set at an ambient temperature of +5°C, will be particularly suitable for sparkling wine or champagne.



The wine cabinets are equipped with an accurate **electronic control system** with digital temperature display. These appliances incorporate a special climate control system that can layer the temperatures. In the upper zone, for example, red wine can be kept at +16°C to +18°C while the lower zone is set at an ambient temperature of +5°C to +7°C.



Ideal humidity via Lava stone. The humidity in the Vinothek models can be increased by using Lava stone.



Multi-temperature wine cabinets Vinothek	WTb 4212 Vinothek	WTr 4211 Vinothek
Max. No. of Bordeaux bottles 0.75 Ltr ¹	200	200
Total gross/net capacity	427/395 litre	409/377 litre
Energy efficiency class	<A>	<A>
Energy consumption in 365 days/24 h ²	168/0.460 kWh	167/0.457 kWh
Noise output	41 dB(A)	40 dB(A)
Climate rating ³	SN-ST	SN-ST
Voltage / Connection rating	220-240V~/1.0 A	220-240V~/1.0 A
Door	Insulated glazed door, black frame	Full door, bordeaux red
Side walls	black	black
Wine storage compartment		
Temperature range	+5°C to +18°C	+5°C to +18°C
Adjustable cooling circuits	1	1
Type of control / display	MagicEye / external digital	MagicEye / external digital
Humidity control via	Lava stone	Lava stone
Defrosting	Automatic	Automatic
Interior light	• permanently activated / dimmable	• / -
Shelf material	wooden shelf	wooden shelf
Storage shelves	6	6
Height-adjustable shelves	•	•
Fault: warning signal	visual and audible	visual and audible
Door open: warning signal	audible	audible
Child lock function	•	•
Dimensions		
Exterior dimensions in cm (h/w/d ⁴)	165/60/73.9	165/60/73.9
Interior dimensions in cm (h/w/d)	146.6/50/56	146.6/50/56
Features		
Design	HardLine	HardLine
Handle	Slimline door handle black	Slimline door handle black
Door hinges	right, reversible	right, reversible
Accessories (see page 42/43)		
	01, 02, 03, 06, 10	01, 02, 03, 06, 10

01

FreshAir active carbon filter

Odours from the surrounding air can impair the quality of wine. Liebherr wine cabinets are fitted with easy-to-replace FreshAir activated charcoal filters to ensure clean air, filter out odours and safeguard the quality of the wine.



WKes 653; ZKes 453	7440 699		
WTes 1672; UWKes 1752; UWTes 1672, UWT 1682; WKE(gb, gw) 582	7434 557	All other free-standing and built-in wine appliances	7433 243

02

Retrofit lava stone kit

The humidity in the Vinothek multi-temperature wine cabinets can be increased as required using lava stones.



WTb 4212; WTr 4211	9590 785		
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03

Wooden shelf

The handcrafted shelf, made from natural wood, is the perfect accessory for safely storing Bordeaux bottles. Positioning the bottles in opposite directions enables full use of the shelf's capacity.



GrandCru WKt 64; WKt 55; WKt/es 45	7112 159	Vinothek WKb/r 42; WKb/r 32; WTb/r 42	7112 113
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04

Presentation shelf (wooden folding shelf)

The shelf can be used to present exquisite wines, or to safely store already-opened bottles.



Vinidor WTes 59; WTes 58	7112 043	GrandCru WKt 55; WKt/es 45	7113 619
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05

Steel grill shelf

Grill shelf for additional requirements.



WKb/r 18	7112 035		
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06

Clip-on labelling system

The clip-on labelling system provides a quick and clear overview of your wine store. The labelled cards can be easily inserted into the clips which can be attached as required.



Clip-on labelling for wooden shelves (5 pieces)	9086 709		
Clip-on labelling for grill shelves WKb/r 18 (2 pieces)	9086 723		

07

Underside cover for wall mounting

Covers the underside, enabling compact appliances to be attractively wall mounted without their underside being visible.



WKes 653; ZKes 453	9590 519		
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08

Stainless steel cleaner

The stainless steel cleaner reliably and gently removes fingerprints, streaks, and stains from stainless steel surfaces. It cleans quickly, without streaking, and also prevents the subsequent accumulation of stubborn dirt. (Not suitable for use on SmartSteel fronts.)



250 ml es-models (stainless steel without SmartSteel)	8409 022		
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09

Stainless steel polish

For polishing stainless steel surfaces after they have been cleaned (do not use on SmartSteel).



250 ml es-models (stainless steel without SmartSteel)	8409 030		
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10

Lock

The lock prevents unwanted access. Simply assemble on the housing Vinothek wine cabinets.



Vinothek	9086 415		
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For the best selection of refrigeration products visit your local Liebherr authorised dealer.

Our catalogues

Find out everything you need to know about Liebherr appliances in the latest catalogues. In addition our special brochures contain comprehensive information about our BioFresh, FoodCentres and Lifestyle appliances.

Available in printed format from retailers or as a PDF download from home.liebherr.com.



View topic specific websites with in-depth information about BioFresh/NoFrost and wine cabinets via the QR code.



biofresh.liebherr.com



nofrost.liebherr.com



wine.liebherr.com

Smart communication on all fronts



Media App

Download all catalogues and videos to your tablet quickly and easily for instant offline access.



BioFresh App

Useful information about perfect food storage, as well as vitamin and mineral content.



WineGuide App

A brief overview of Bordeaux wines and their producers, plus storage information.



Kitchen PhotoDesigner App

Be your own interior designer: take a photo of your kitchen, select the Liebherr model of your choice and position it into your photo by swiping the screen.



IceCrusher App

Playful fun; With just a tap, ice-cubes tumble down your screen and can be moved and crushed.



apps.home.liebherr.com

Find out which app is available for which operating system (Apple, Android etc.), and which device type.



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



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