

Special Wine 2019

Quality, Design and Innovation



LIEBHERR



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.

EWTgw 2383

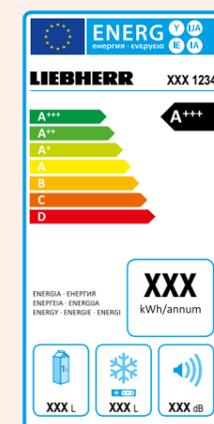


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wine.liebherr.com



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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%.

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 rarely completely odourless, 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.





Practical accessories for every need

Discover the versatility of the original Liebherr accessories range for your wine appliance – and make your everyday life a little easier.



Organisational systems

Design to suit your needs: Wine bottles can be presented clearly with the help of a presentation shelf, bottle holder and additional bottle shelves, for example. Clip-on labels provide an overview of wine stocks.



Consumable accessories and care products

Wine appliances contain elements that should be replaced regularly in order to achieve optimum performance, such as the FreshAir activated charcoal filter. Care products designed for Liebherr appliances and materials make cleaning easier and maintain the high-quality appearance.



Perfect installation – perfect appearance

Connecting sets, stainless steel frames and fronts with matching handles or drawers for accessories: the product range features many accessories that can help integrate a wine appliance in an individual and visually perfect fashion.

Matching accessories can be found online by desired model at: [home.liebherr.com](https://www.home.liebherr.com)



Vinidor range

 Vinidor Page 18

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 Page 34  Vinothek Page 44

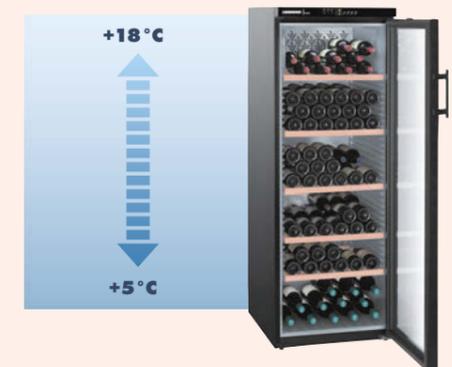
Wine storage cabinets offer similar conditions to a wine cellar. They are therefore an ideal choice for both long-term storage and storage of large wine stocks, always achieving the perfect serving temperature. The temperature can be adjusted from +5 °C to +20 °C as appropriate, and is both even and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



Multi-temperature wine cabinets

 Vinothek Page 50

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.



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.

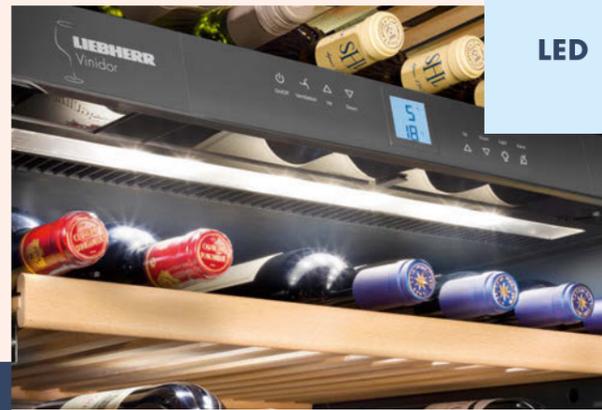


WTes 5872

Quality in every detail



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.



LED

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.



Telescopic Rails

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 fulfils both bottle storage and bottle presentation functions. The bottles can be stored horizontally at the back of the cabinet.



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.



Tip Open

The **handle-free glazed door with TipOpen technology** guarantees perfect integration into a handle-free kitchen. Not only provides UV protection you can trust but also ensures superb visibility of the stored wines.



Side by Side

The **Side-by-Side concept** makes it possible to position fridges, freezers and wine cabinets to meet your needs. Special technology for controlling the environment between appliances with major temperature differences enables numerous combinations.

The features shown are model dependent; the description applies to the relevant model.



WTes 1672



The **LED lighting** in the wine cooling compartments can be dimmed to give a pleasing ambient light inside the appliance. The LED lighting system can be adjusted to activate during door openings or to be on continuously at various intensity settings (depending on model).

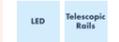


The electronic LCD display is an innovative design feature. Clear menu navigation and a **Touch-electronic control system** provides yet more information for tailored storage conditions. The Touch-electronic navigation ensures easy selection and use of the numerous control functions.



Vinidor range

WTes 1672 Vinidor



Max. No. of Bordeaux bottles 0.75 Ltr ¹	34
Total gross/net capacity	123/95 litre
Energy efficiency class	<A>
Energy consumption year/24 hrs ²	137/0.375 kWh
Noise output	38 dB(A)
Climate rating ³	SN-ST (+10 °C to +38 °C)
Voltage/Connection rating	220-240V~ /0.8 A
Door	Glass door with stainless steel frame
Side walls	stainless steel
Wine storage compartment	
Temperature zones/-range	2/ +5 °C to +20 °C
Adjustable cooling circuits	2
Type of control /display	MagicEye /internal digital
Forced air system	•
Fresh air supply via FreshAir activ. charcoal filter	•
Humidity control via	switchable ventilation
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	
Exterior dimensions in cm (h/w/d ⁴)	82.2/59.8/57.5
Interior dimensions in cm (h/w/d)	55/51/44
Features	
Design	HardLine
Slimline door handle	Aluminium handle
Door hinges	right, reversible
Replaceable door seal	•
Lock	•

^{1/2/3/4} Notes see pages 38–39
You can find the full range of efficiency classes at page 5. According to (EU) 2017/1369 6a.

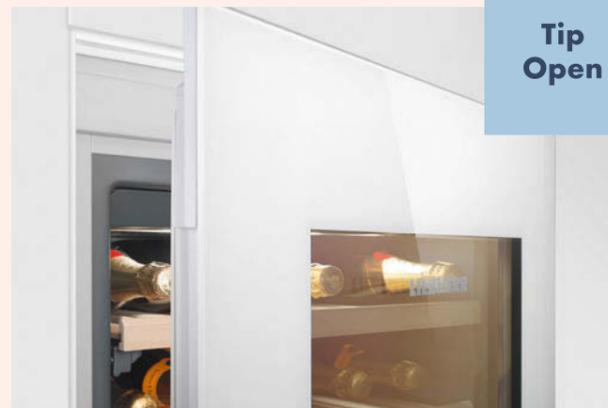


EW Tgb 3583



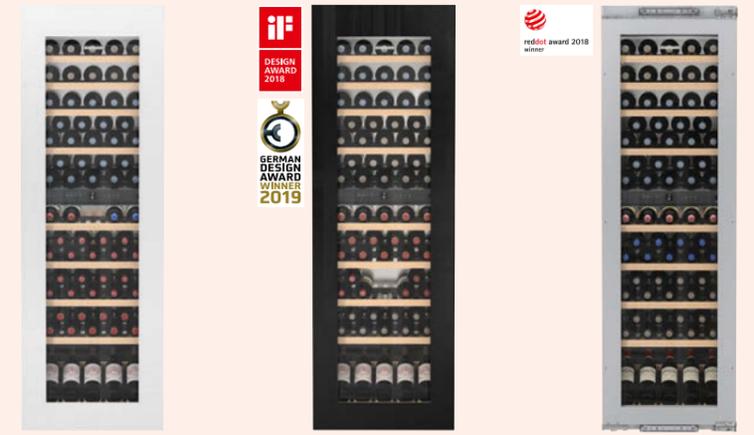
Soft System

The **SoftSystem** feature provides added safety and convenience. Integrated within 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 30°.



Tip Open

Liebherr's touch opening door with **TipOpen technology** integrates perfectly into kitchens with a handle-free design. The double-glazed door opens 7 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.



Vinidor range

EW Tgw 3583 Vinidor	EW Tgb 3583 Vinidor	EW Tdf 3553 Vinidor
LED	LED	LED
Tip Open	Tip Open	Tip Open
Soft System	Soft System	Soft System
Telescopic Rails	Telescopic Rails	Telescopic Rails
Built-in	Built-in	Built-in

Max. No. of Bordeaux bottles 0.75 Ltr ¹	83	83	80
Total gross/net capacity	307/271 litre	307/271 litre	289/254 litre
Energy efficiency class	<A>	<A>	<A>
Energy consumption year/24 hrs ²	162/0.442 kWh	162/0.442 kWh	162/0.443 kWh
Noise output	34 dB(A)	34 dB(A)	34 dB(A)
Climate rating ³	SN (+10 °C to +32 °C)	SN (+10 °C to +32 °C)	SN-ST (+10 °C to +38 °C)
Voltage/Connection rating	220-240V~/1.0 A	220-240V~/1.0 A	220-240V~/1.0 A
Door	white insulated glass door, handle and frame free	black insulated glass door, handle and frame free	Insulated glass door prepared for cabinet door or stainless steel front
Wine storage compartment			
Temperature zones/-range	2/+5 °C to +20 °C	2/+5 °C to +20 °C	2/+5 °C to +20 °C
Adjustable cooling circuits	2	2	2
Type of control/display	LCD Display/internal digital	LCD Display/internal digital	LCD Display/internal digital
Forced air system	•	•	•
Fresh air supply via FreshAir activ. charcoal filter	•	•	•
Humidity control via	switchable ventilation	switchable ventilation	switchable ventilation
Interior light	LED	LED	LED
permanently activated/dimmable	•/•	•/•	•/•
Shelf material	wooden shelf	wooden shelf	wooden shelf
Storage shelves	10	10	10
running on telescopic rails	8	8	8
Presentation shelf	1	1	1
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)	178/56/at least 55	178/56/at least 55	178/56/at least 55
Interior dimensions in cm (h/w/d)	159.9/46.4/39.3	159.9/46.4/39.3	159.9/46.4/39.3
Features			
SoftSystem	•	•	•
TipOpen Technology	•	•	•
Door hinges	right, reversible	right, reversible	right, reversible
Replaceable door seal	•	•	•
Concealed hinge with restricted opening	•	•	•



EW Tgw 2383



Silent

The **silent appliance** EW Tgb 2383 is extremely quiet due to its design and low-noise components. Currently, it is among the quietest in its product group.



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



Vinidor range

EW Tgw 2383 Vinidor

EW Tgb 2383 Vinidor

EW Tdf 2353 Vinidor

	EW Tgw 2383 Vinidor	EW Tgb 2383 Vinidor	EW Tdf 2353 Vinidor
Max. No. of Bordeaux bottles 0.75 Ltr ¹	51	51	48
Total gross/net capacity	195/169 litre	195/169 litre	183/158 litre
Energy efficiency class	<A>	<A>	<A>
Energy consumption year/24 hrs ²	152/0.414 kWh	152/0.414 kWh	152/0.416 kWh
Noise output	34 dB(A)	32 dB(A) Silent	34 dB(A)
Climate rating ³	SN (+10 °C to +32 °C)	SN (+10 °C to +32 °C)	SN-ST (+10 °C to +38 °C)
Voltage/Connection rating	220-240V~/1.0 A	220-240V~/1.0 A	220-240V~/1.0 A
Door	white insulated glass door, handle and frame free	black insulated glass door, handle and frame free	Insulated glass door prepared for cabinet door or stainless steel front
Wine storage compartment			
Temperature zones/-range	2/+5 °C to +20 °C	2/+5 °C to +20 °C	2/+5 °C to +20 °C
Adjustable cooling circuits	2	2	2
Type of control/display	LCD Display/internal digital	LCD Display/internal digital	LCD Display/internal digital
Forced air system	•	•	•
Fresh air supply via FreshAir activ. charcoal filter	•	•	•
Humidity control via	switchable ventilation	switchable ventilation	switchable ventilation
Interior light	LED	LED	LED
permanently activated/dimmable	•/•	•/•	•/•
Shelf material	wooden shelf	wooden shelf	wooden shelf
Storage shelves	6	6	6
running on telescopic rails	4	4	4
Presentation shelf	1	1	1
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)	122/56/at least 55	122/56/at least 55	122/56/at least 55
Interior dimensions in cm (h/w/d)	104.7/46.4/39.3	104.7/46.4/39.3	104.7/46.4/39.3
Features			
SoftSystem	•	•	•
TipOpen Technology	•	•	•
Door hinges	right, reversible	right, reversible	right, reversible
Replaceable door seal	•	•	•
Concealed hinge with restricted opening	•	•	•



EWTdf 1653

Stainless steel frame with handle
Further information can be found online by
desired model at: home.liebherr.com



Vinidor range

EWTgw 1683 Vinidor

EWTgb 1683 Vinidor

EWTdf 1653 Vinidor

	LED Tip Open Soft System Telescopic Rails Built-in	LED Tip Open Soft System Telescopic Rails Built-in	LED Soft System Telescopic Rails Built-in
Max. No. of Bordeaux bottles 0.75 Ltr ¹	33	33	30
Total gross/net capacity	125/104 litre	125/104 litre	117/97 litre
Energy efficiency class	<A>	<A>	<A>
Energy consumption year/24 hrs ²	145/0.396 kWh	145/0.396 kWh	145/0.397 kWh
Noise output	34 dB(A)	34 dB(A)	34 dB(A)
Climate rating ³	SN (+10 °C to +32 °C)	SN (+10 °C to +32 °C)	SN-ST (+10 °C to +38 °C)
Voltage / Connection rating	220-240V~/1.0 A	220-240V~/1.0 A	220-240V~/1.0 A
Door	white insulated glass door, handle and frame free	black insulated glass door, handle and frame free	Insulated glass door prepared for cabinet door or stainless steel front
Wine storage compartment			
Temperature zones / -range	2/+5 °C to +20 °C	2/+5 °C to +20 °C	2/+5 °C to +20 °C
Adjustable cooling circuits	2	2	2
Type of control / display	LCD Display / internal digital	LCD Display / internal digital	LCD Display / internal digital
Forced air system	•	•	•
Fresh air supply via FreshAir activ. charcoal filter	•	•	•
Humidity control via	switchable ventilation	switchable ventilation	switchable ventilation
Interior light	LED	LED	LED
permanently activated / dimmable	• / •	• / •	• / •
Shelf material	wooden shelf	wooden shelf	wooden shelf
Storage shelves	4	4	4
running on telescopic rails	2	2	2
Presentation shelf	1	1	1
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)	88/56/at least 55	88/56/at least 55	88/56/at least 55
Interior dimensions in cm (h/w/d)	70.1/46.4/39.3	70.1/46.4/39.3	70.1/46.4/39.3
Features			
SoftSystem	•	•	•
TipOpen Technology	•	•	
Door hinges	right, reversible	right, reversible	right, reversible
Replaceable door seal	•	•	•
Concealed hinge with restricted opening	•	•	•

^{1/2/3/4} Notes see pages 38 – 39
You can find the full range of efficiency classes at page 5. According to (EU) 2017/1369 6a.



UWTgb 1682

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



Liebherr's touch opening door with **TipOpen technology** integrates perfectly into kitchens with a handle-free design. The double-glazed door opens 7 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.



Vinidor range

UWTgb 1682 Vinidor

UWTeS 1672 Vinidor

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

- LED
- Telescopic Rails
- Built-in

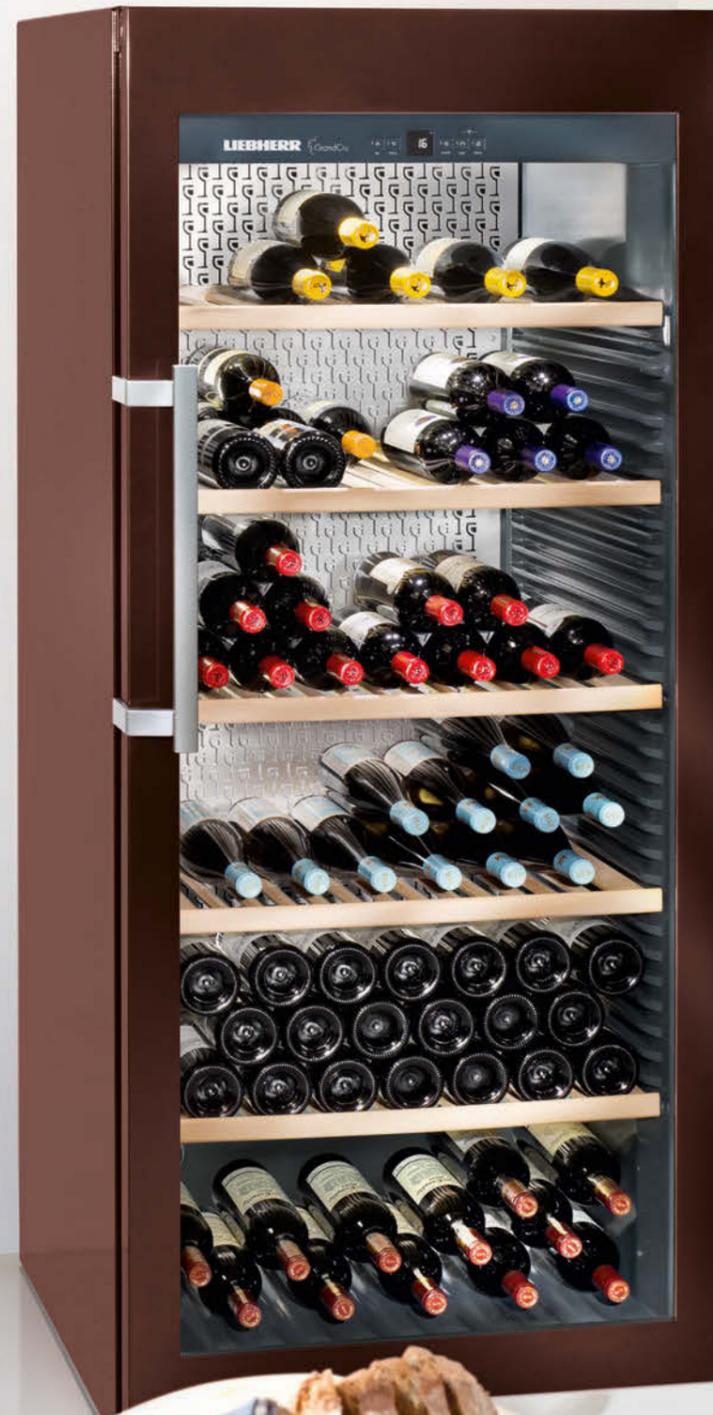
Under-worktop appliance

Under-worktop appliance

Max. No. of Bordeaux bottles 0.75 Ltr ¹	34	34
Total gross/net capacity	123/94 litre	123/94 litre
Energy efficiency class	<A>	
Energy consumption year/24 hrs ²	144/0.392 kWh	196/0.535 kWh
Noise output	36 dB(A)	38 dB(A)
Climate rating ³	SN-ST (+10 °C to +38 °C)	SN-ST (+10 °C to +38 °C)
Voltage/Connection rating	220-240V~/0.8 A	220-240V~/0.8 A
Door	black insulated glass door, handle and frame free	Glass door with stainless steel frame
Wine storage compartment		
Temperature zones/-range	2/+5 °C to +20 °C	2/+5 °C to +20 °C
Adjustable cooling circuits	2	2
Type of control/display	LCD Display/internal digital	MagicEye/internal digital
Forced air system	•	•
Fresh air supply via FreshAir activ. charcoal filter	•	•
Humidity control via	switchable ventilation	switchable ventilation
Interior light	LED	LED
permanently activated/dimmable	•/•	•/•
Shelf material	wooden shelf	wooden shelf
Storage shelves	5	5
running on telescopic rails	3	3
Fault: warning signal	visual and audible	visual and audible
Door open: warning signal	audible	audible
Child lock function	•	•
Dimensions		
Aperture dimensions in cm (h/w/d ⁴)	82-87/60/at least 58	82-87/60/at least 58
Interior dimensions in cm (h/w/d)	55/51/44	55/51/44
Features		
SoftSystem	•	
TipOpen Technology	•	
Slimline door handle		Aluminium handle
Door hinges	right, reversible	right, reversible
Replaceable door seal	•	•
Concealed hinge with restricted opening	•	
Lock		•

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.



WKt 4552



Quality in every detail



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.

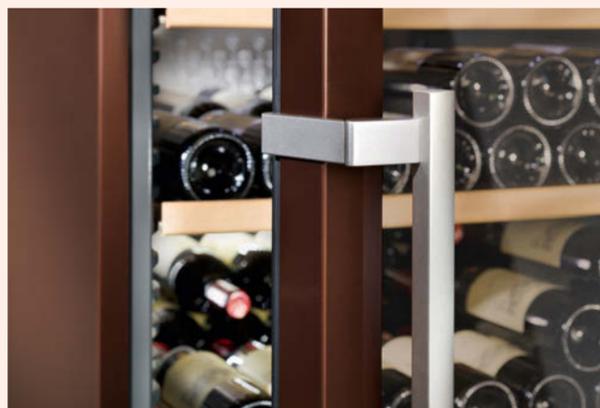


LED

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 **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 **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.



Tip Open

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 practical **presentation shelf** fulfils 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.

The features shown are model dependent; the description applies to the relevant model.



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
Max. No. of Bordeaux bottles 0.75 Ltr ¹	312	253	253	201	201	201	46
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
Energy efficiency class	<A+	<A	<A+	<A	<A	<A+	<A
Energy consumption year/24 hrs 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
Noise output	41 dB(A)	41 dB(A)	39 dB(A)	41 dB(A)	41 dB(A)	39 dB(A)	38 dB(A)
Climate rating ³	SN-T (+10 °C to +43 °C)	SN-ST (+10 °C to +38 °C)	SN-T (+10 °C to +43 °C)	SN-ST (+10 °C to +38 °C)	SN-ST (+10 °C to +38 °C)	SN-T (+10 °C to +43 °C)	SN-ST (+10 °C to +38 °C)
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
Door	Full door, terra	Glass door, frame terra	Full door, terra	Glass door with stainless steel frame	Glass door, frame terra	Full door, terra	Glass door with stainless steel frame
Side walls	terra	terra	terra	stainless steel	terra	terra	
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
Adjustable cooling circuits	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
Forced air system	•	•	•	•	•	•	•
Fresh air supply via FreshAir activ. charcoal filter	•	•	•	•	•	•	•
Humidity control via	switchable ventilation	switchable ventilation	switchable ventilation	switchable ventilation	switchable ventilation	switchable ventilation	switchable ventilation
Interior light	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
Storage shelves	7	7	7	6	6	6	4
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
Door open: warning signal	audible	audible	audible	audible	audible	audible	audible
Child lock function	•	•	•	•	•	•	•
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 58
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	48.8/51/44
Features							
Design	SwingLine	HardLine	HardLine	HardLine	HardLine	HardLine	
Slimline door handle	Aluminium handle	Aluminium handle	Aluminium handle	Aluminium handle	Aluminium handle	Aluminium handle	Aluminium handle
with integrated opening mechanism	•	•	•	•	•	•	
Door hinges	right, reversible	right, reversible	right, reversible	right, reversible	right, reversible	right, reversible	right, reversible
Replaceable door seal	•	•	•	•	•	•	•
Lock	•	•	•	•	•	•	•

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

You can find the full range of efficiency classes at page 5.
According to (EU) 2017/1369 6a.



WKEgb 582



Built-in wine storage cabinets GrandCru

WKEgb 582 GrandCru **WKEgw 582 GrandCru** **WKEes 553 GrandCru**

	WKEgb 582 GrandCru	WKEgw 582 GrandCru	WKEes 553 GrandCru
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 year/24 hrs ²	106/0.290 kWh	106/0.290 kWh	130/0.356 kWh
Noise output	34 dB(A)	34 dB(A)	34 dB(A)
Climate rating ³	SN-ST (+10 °C to +38 °C)	SN-ST (+10 °C to +38 °C)	SN (+10 °C to +32 °C)
Voltage/Connection rating	220-240V~/0.5 A	220-240V~/0.5 A	220-240V~/0.5 A
Door	black insulated glass door, handle and frame free	white insulated glass door, handle and frame free	Glass door with stainless steel frame
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/display	LCD Display/internal digital	LCD Display/internal digital	LCD Display/internal digital
Forced air system	•	•	•
Fresh air supply via FreshAir activ. charcoal filter	•	•	•
Humidity control via	switchable ventilation	switchable ventilation	switchable ventilation
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
Interior dimensions in cm (h/w/d)	29.5/47/29	29.5/47/29	34/46/31
Features			
SoftSystem	•	•	
TipOpen Technology	•	•	
Drop down door/side opening door	• / -	• / -	- / •
Handle			recessed grip
Door hinges			right, reversible
Replaceable door seal	•	•	•
Concealed hinge with restricted opening	•	•	



The easy-glide **accessories drawer** can be used to store accessories directly below wine storage cabinets in the WKE 5 model range. This increases the 45 cm recess to 60 cm. Available in white glass (9792 449), black glass (9792 451) and stainless steel (9792 453).



LED

For ideal presentation of your best wine, the WKes 653 features **LED lighting with dimmer function and separate switch**. As the LEDs emit minimal heat and no UV radiation, the wine can be showcased bathed in light for lengthy periods, without compromising its quality.



The practical **drawer** is used for storing wine accessories or for wine accompaniments, such as chocolate or candies, for serving at the right temperature to elevate the wine tasting experience.



Wine storage cabinet GrandCru

Max. No. of Bordeaux bottles 0.75 Ltr ¹	12
Total gross/net capacity	56/38 litre
Energy efficiency class	<A++>
Energy consumption year/24 hrs ²	75/0.205 kWh
Noise output	40 dB(A)
Climate rating ³	SN (+10 °C to +32 °C)
Voltage/Connection rating	220-240V~/1.0 A
Door	Glass door with S/Steel frame/SmartSteel
Side walls	stainless steel with SmartSteel
Wine storage compartment	
Temperature zones/-range	1/+5 °C to +20 °C
Adjustable cooling circuits	1
Type of control/display	LCD Display/internal digital
Forced air system	•
Fresh air supply via FreshAir activ. charcoal filter	•
Humidity control via	switchable ventilation
Interior light	LED
permanently activated/dimmable	•/•
Shelf material	wooden shelf
Storage shelves	3
Fault: warning signal	visual and audible
Door open: warning signal	audible
Child lock function	•
Dimensions	
Exterior dimensions in cm (h/w/d ⁴)	61.2/42.5/47.8
Interior dimensions in cm (h/w/d)	37/35/31
Features	
Design	HardLine
Door hinges	right fixed
Replaceable door seal	•
Drawers for accessories	1
Wall mounting	•
Lock	•

WKes 653 GrandCru



The integrated water tank is filled with one litre of distilled water. Humidity sensors regulate the water requirement and ensure that the **humidity** is kept exactly to the level selected. A visual display tells the user in good time when water has to be replenished.



The two presentation boxes, varying in height and the two wooden shelves are crafted from Spanish **cedar wood**.



Humidor

Total gross/net capacity	43/39 litre
Energy efficiency class	
Energy consumption year/24 hrs ²	162/0.443 kWh
Noise output	40 dB(A)
Climate rating ³	N (+16 °C to +32 °C)
Voltage/Connection rating	220-240V~/0.5 A
Door	Glass door with S/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/display	LCD Display/internal digital
Forced air system	•
Fresh air supply via FreshAir activ. charcoal filter	•
Humidity control via	switchable ventilation
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	•
Design	HardLine
Door hinges	right fixed
Replaceable door seal	•
Presentation boxes	2
Wall mounting	•
Lock	•
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

ZKes 453 Humidor



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.

Quality in every detail



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 **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.



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.



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.

The features shown are model dependent; the description applies to the relevant model.



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 ⁺	WKb 1802 Vinothek
Max. No. of Bordeaux bottles 0.75 Ltr ¹	200	200	164	164	66	66	66
Total gross/net capacity	427/395 litre	409/377 litre	336/309 litre	322/295 litre	145/134 litre	145/128 litre	145/134 litre
Energy efficiency class	<A	<A ⁺	<A	<A ⁺	<A	<A	<B
Energy consumption year /24 hrs 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	199/0.544 kWh
Noise output	41 dB(A)	39 dB(A)	39 dB(A)	39 dB(A)	38 dB(A)	38 dB(A)	40 dB(A)
Climate rating ³	SN-ST (+10 °C to +38 °C)	SN-T (+10 °C to +43 °C)	SN-ST (+10 °C to +38 °C)	SN-T (+10 °C to +43 °C)	SN-ST (+10 °C to +38 °C)	SN-T (+10 °C to +43 °C)	N (+16 °C to +32 °C)
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	220-240V~/0.5 A
Door	Glass door, frame black	Full door, burgundy	Glass door, frame black	Full door, burgundy	Glass door, frame black	Full door, burgundy	Glass door, frame black
Side walls	black	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	1/ +5 °C to +20 °C
Adjustable cooling circuits	1	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	analogue control/ external digital
Forced air system	•	•	•	•	•	•	•
Fresh air supply via FreshAir activ. charcoal filter	•	•	•	•	•	•	•
Humidity control via	switchable ventilation	switchable ventilation	switchable ventilation	switchable ventilation	switchable ventilation	switchable ventilation	switchable ventilation
Interior light	•		•		•		•
permanently activated/ dimmable	• / -		• / -		• / -		• / -
Shelf material	wooden shelf	wooden shelf	wooden shelf	wooden shelf	zincod rails	zincod rails	zincod rails
Storage shelves	6	6	4	4	3	3	2
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	90.1/59.7/61.2
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	70.2/47/46.8
Features							
Design	HardLine	HardLine	HardLine	HardLine	HardLine	HardLine	HardLine
Slimline door 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	Slimline door handle black
Door hinges	right, reversible	right, reversible	right, reversible	right, reversible	right, reversible	right, reversible	right, reversible
Replaceable door seal	•	•	•	•	•	•	•

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 year/24 hrs ²	168/0.460 kWh	167/0.457 kWh
Noise output	41 dB(A)	40 dB(A)
Climate rating ³	SN-ST (+10 °C to +38 °C)	SN-ST (+10 °C to +38 °C)
Voltage/Connection rating	220-240V~/1.0 A	220-240V~/1.0 A
Door	Glass door, frame black	Full door, burgundy black
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
Fresh air supply via FreshAir activ. charcoal filter	•	•
Humidity control via	Lava stone	Lava stone
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
Slimline door handle	Slimline door handle black	Slimline door handle black
Door hinges	right, reversible	right, reversible
Replaceable door seal	•	•

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