

Wine Refrigerators

Design Guide

LIEBHERR

Refrigeration and Freezing





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Liebherr Wine Refrigerators

The finest quality wine is preserved by the highest quality appliance.

Many things change over time, but one thing you can always rely on is German engineering. Liebherr has been practicing it since 1954. To this day, the family-owned company upholds the highest aspirations and standards established by its founder, Hans Liebherr. This commitment is reflected in quality right down to the smallest detail and a tireless dedication to achieving perfection: especially when it comes to taking responsibility for your valuable wine collection.

Qualities that surpass even those of a wine cellar

To conserve what connoisseurs treasure, Liebherr wine refrigerators have some exceptional features. They not only match wine cellars in terms of the five essentials of perfect storage but surpass them, thanks to our engineering expertise.

We take care of every detail.

Constant temperatures protect the character of the wine.

1

Temp Protect Plus

Liebherr wine refrigerators monitor the temperature twice over with TempProtect Plus.

The right humidity keeps corks supple to protect the wine.

2

Humidity Select

With HumiditySelect the humidity in Liebherr wine refrigerators can be individually adjusted.

Keeping out ultraviolet light protects against unwanted ageing processes in the wine.

3

UV Protect Plus

Liebherr wine refrigerators have unique triple, anti-violet glazing.

Keeping out foreign odours stops them from spoiling the taste of the wine.

4

FreshAir

The FreshAir activated charcoal filter in a Liebherr wine refrigerator neutralizes foreign odors.

Preventing vibrations allows the wine to mature undisturbed.

5

Vibrate Safe

Liebherr wine refrigerators have a fully vibration-insulated cooling system.

Key Features



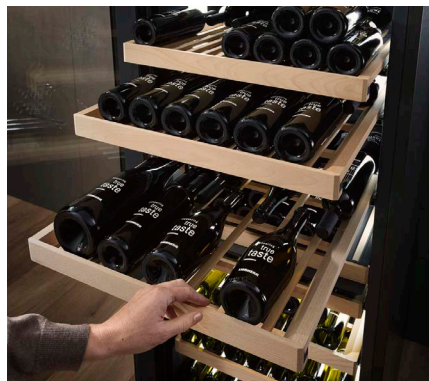
Touch & Swipe display:

Pressing buttons is a thing of the past. The Touch & Swipe display makes operation very simple and intuitive. All functions can be selected by tapping and swiping.



LightColumn:

For a perfect view of your wine: The LightColumn runs from the top to the bottom of the appliance. Its LEDs provide even illumination throughout the interior of the wine storage cabinet.



SoftTelescopic rails:

Explore your collection with ease. SoftTelescopic rails offer smooth, gentle wine rack handling, making your choice a pure pleasure.



Pull-out shelf for easy access, and maximum storage:

To make maximum use of the available space, the lowest pull-out shelf which also features a SoftTelescopic self-closing mechanism - makes it possible to store up to four bottles horizontally.



Triple protection:

Thanks to UVProtect Plus, our glass-door models offer unprecedented protection against UV radiation: three protective layers consisting of tinted glass and a double layer of vacuum-deposited metal (Low-E).



FlexFit:

Custom shelves made easy: The adjustable wooden trims of FlexFit beech wooden shelves make it possible to create a perfect fit for almost any bottle. Plus, thanks to the individual placement of the trims in the frame, all bottles are stored safely and protected against vibrations.



SoftSystem:

SoftSystem integrated in the door damps the movement and ensures particularly soft closing.



FreshAir Activated charcoal filter

The fan – as powerful as it is quiet – distributes the cold air efficiently throughout the entire refrigeration compartment while air is purified through the FreshAir charcoal filter.



eDoor Lock:

The display lock reliably prevents unauthorized use of your appliance. The three-digit PIN secures your settings along with the optimal conditions for the wine.



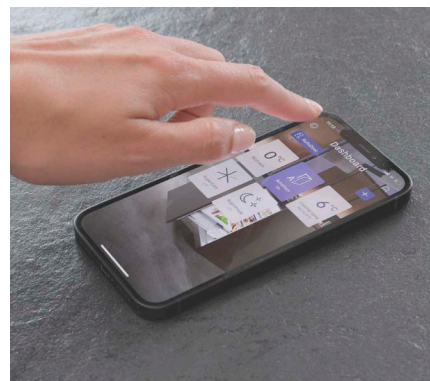
TipOpen:

It is the perfect answer for hands-free kitchen designs. When lightly tapped, the glass door partially opens, facilitating further opening. If the door is not opened further within three seconds, the door will self-close.



SommelierBoard:

Add elegance to your space with the SommelierBoard. Display wine, glasses, decanter, and utensils in style. This feature includes integrated storage box for its serving area.



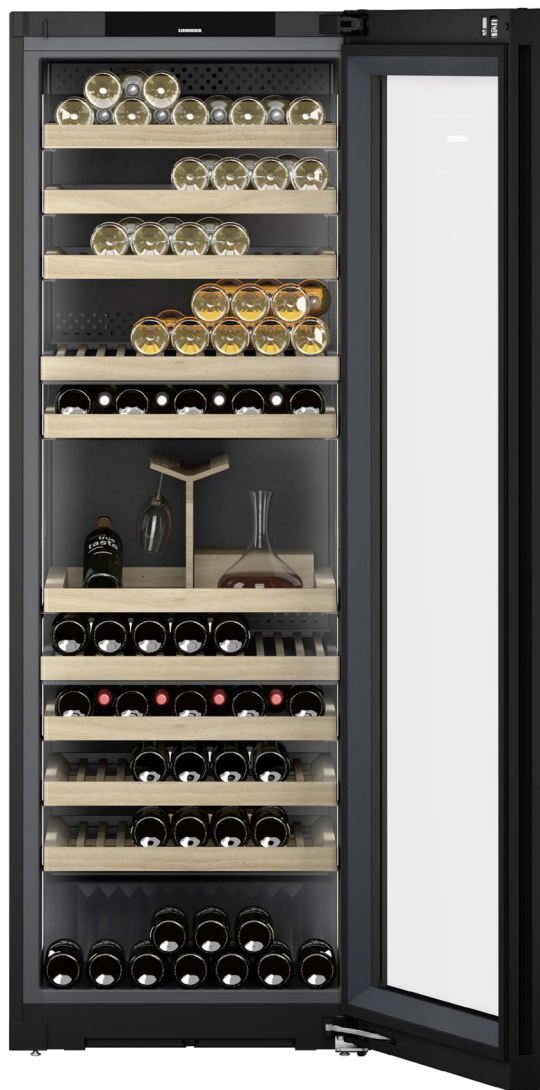
SmartDevice:

Adjust settings, check temperatures and relevant status information via a smartphone.

Freestanding Models



Wgb7470



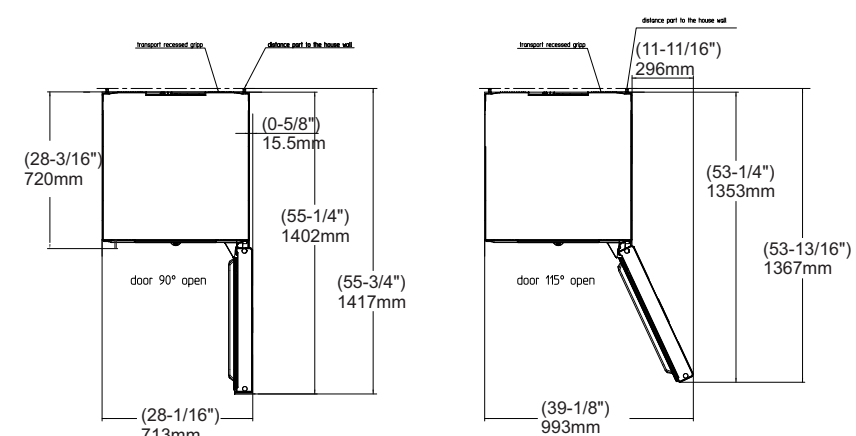
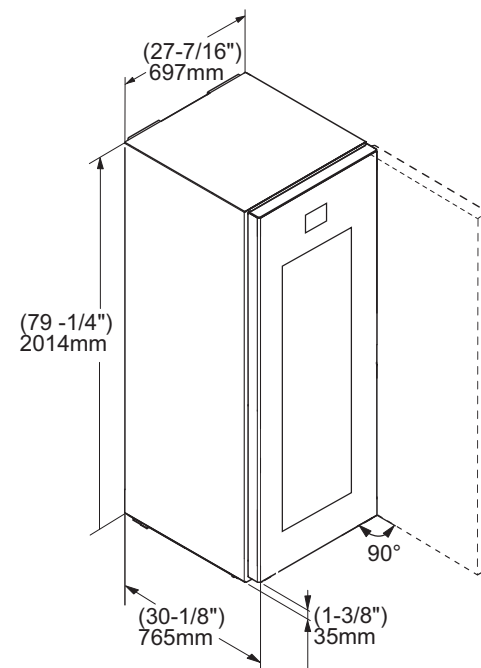
Available Accessories:

- FreshAir activated charcoal filter

3 Zones	Vibrate Safe	UV Protect Plus	Temp Protect Plus	Humidity Select	Sommelier Kit	Soft System	eDoor Lock
Light Column	Super Silent	Smart Device Box					
Energy consumption (kWh/y)				130			
Sound rating dB(A)*				35			
Total capacity cu.ft. (l)				19.8 (562)			
Max. No. of Bordeaux bottles (0.75l)				149			
Number of wine racks				12			
Shelves on telescopic rails				9			
Shelf material				Flexfit			
Sommelier kit				Yes			
Electronic control				Touch & swipe display			
Temperature range °F (°C)				41 to 68°F (5 to 20°C)			
Temperature zones				3			
Temperature alarm				Yes			
Humidity Regulation				HumiditySelect			
Interior light				ColumnLight			
Door alarm				Yes			
Safety thermostat				Yes-TempProtect Plus			
Activated charcoal filter				Yes			
Door lock				eDoorLock			
Door hinges				Right, reversible			
Product dimensions							
in inch (H/W/D)				79 5/16 / 27 1/2 / 30 1/8			
in cm (H/W/D)				201.3 / 69.7 / 76.4			
Cut out dimensions							
in inch (H/W/D)				80 / 27 15/16 / 26 15/16			
in cm (H/W/D)				203.2 / 70.9 / 68.5			
Net weight lbs. (kg)				335.5 (152.2)			
Voltage V/Hz				115/60			

* Noise output – according to EN 60704-3.

Product Dimensions

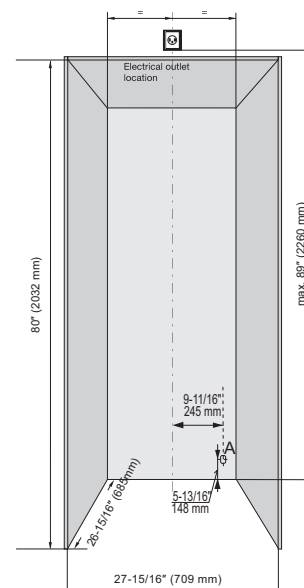


Allow door swing clearance at locations next to a wall. If the appliance is installed with the hinges next to a wall, the distance between the appliance and the wall must be at least ½" (13 mm).

The wine refrigerator door must open to a minimum of 90° to allow the wine racks to fully extend.

Height can be increased by 3/8" (10mm) by turning the levelling feet at the front and the height adjustable rollers at the appliance rear.

Semi built-in look – Cutout Dimensions



The appliance can be used freestanding or semi built-in in a niche. If semi built-in, consider the minimum cabinet opening dimensions specified on this image.

For ventilation requirements, please follow instructions on section Ventilation Requirements, page 32.

The power cord exists the rear of the appliances (A) and has a length of 6.5 ft (2m). We suggest the electrical outlet not to be located behind the appliance, so it is easily accessible. This can be located on top of the niche like shown on the image or on the side.

W5270



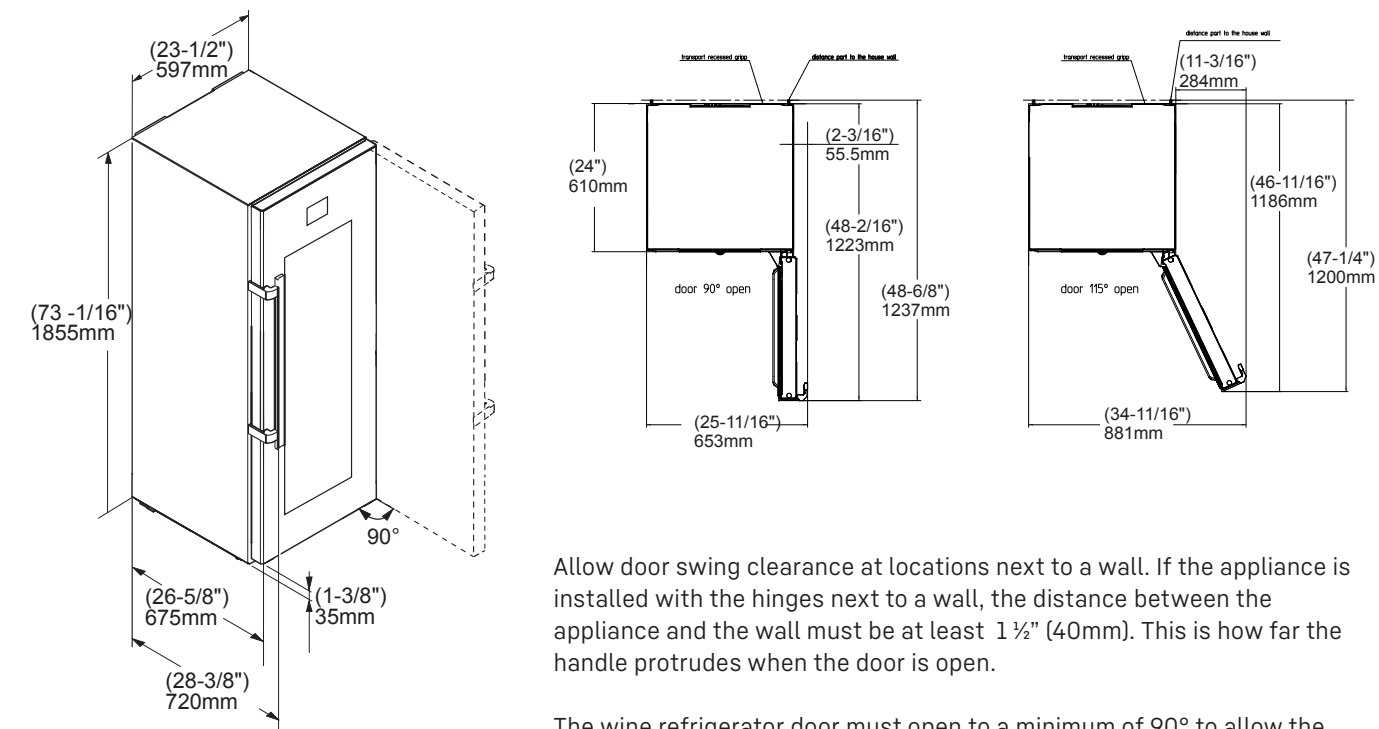
Available Accessories:

- FreshAir activated charcoal filter

2 Zones	Vibrate Safe	UV Protect Plus	Temp Protect Plus	Humidity Select	Soft System	eDoor Lock	Light Column	Super Silent
Smart Device Box								
Energy consumption (kWh / y)		114 kWh						
Sound rating dB(A)*		35						
Total capacity cu.ft. (l)		13 (368)						
Max. No. of Bordeaux bottles (0.75l)		106						
Number of wine racks		10						
Shelves on telescopic rails		8						
Shelf material		Flexible wooden shelves						
Presentation shelf		No						
Electronic control		Touch & swipe display						
Temperature range °F (°C)		41 to 68°F (5 to 20°C)						
Temperature zones		2						
Temperature alarm		Yes						
Humidity Regulation		HumiditySelect						
Interior light		Light panel both sides						
Door alarm		Yes						
Safety thermostat		Yes-TempProtect Plus						
Activated charcoal filter		Yes						
Door lock		eDoorLock						
Door hinges		Right, reversible						
Product dimensions								
in inch (H / W / D)		73 1/16 / 29 7/16 / 26 5/8						
in cm (H / W / D)		185.5 / 59.7 / 67.5						
Cut out dimensions								
in inch (H / W / D)		74 / 24 / 24						
in cm (H / W / D)		188 / 60.9 / 60.9						
Net weight lbs. (kg)		114.3 (52)						
Voltage V / Hz		115/60						

* Noise output – according to EN 60704-3.

Product Dimensions

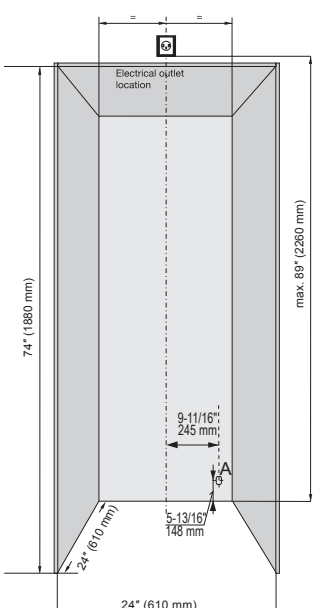


Allow door swing clearance at locations next to a wall. If the appliance is installed with the hinges next to a wall, the distance between the appliance and the wall must be at least 1 ½” (40mm). This is how far the handle protrudes when the door is open.

The wine refrigerator door must open to a minimum of 90° to allow the wine racks to fully extend.

Height can be increased by 3/8” (10mm) by turning the levelling feet at the front and the height adjustable rollers at the appliance rear.

Semi built-in look – Cutout Dimensions



The appliance can be used freestanding or semi built-in in a niche. If semi built-in, consider the minimum cabinet opening dimensions specified on this image.

For ventilation requirements, please follow instructions on section Ventilation Requirements, page 32.

The power cord exists the rear of the appliances (A) left side and has a length of 6.5 ft (2m). We suggest the electrical outlet not to be located behind the appliance, so it is easily accessible. This can be located on top of the niche like shown on the image or on the side.

W5250



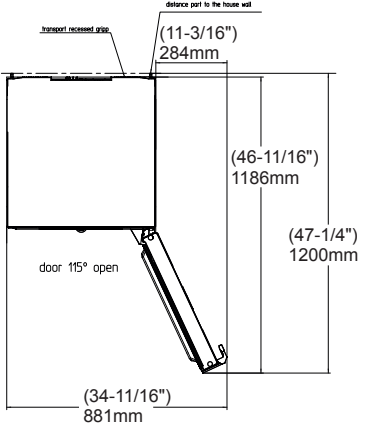
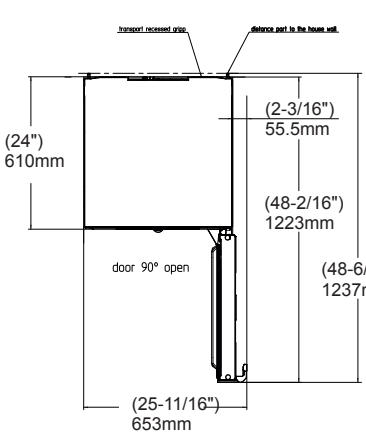
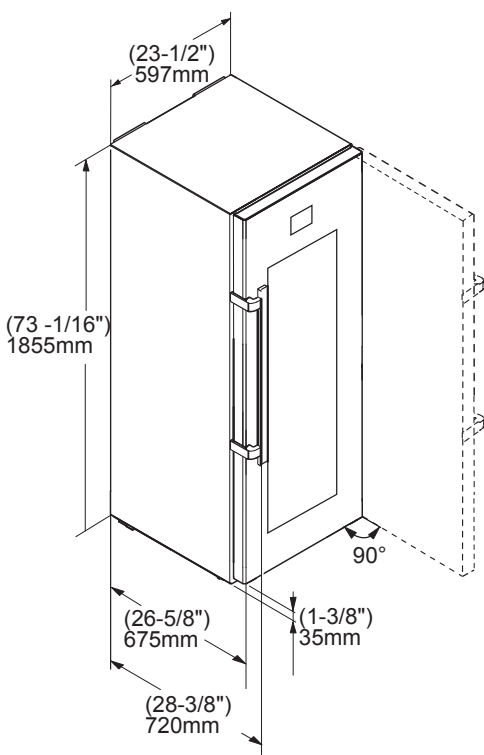
Available Accessories:

- FreshAir activated charcoal filter

2 Zones	Vibrate Safe	UV Protect Plus	Temp Protect Plus	Humidity Select	Super Silent	Smart Device Box	
Energy consumption (kWh/y)					114 kWh		
Sound rating dB(A)*					37		
Total capacity cu.ft. (l)					13 (368)		
Max. No. of Bordeaux bottles (0.75cl)					155		
Number of wine racks					8		
Shelves on telescopic rails					0		
Shelf material					Beech wood shelves		
Presentation shelf					-		
Electronic control					Touch display		
Temperature range °F (°C)					41 to 68°F (5 to 20°C)		
Temperature zones					2		
Temperature alarm					Yes		
Humidity regulation					HumiditySelect		
Interior light					LED Ceiling Light		
Door alarm					Yes		
Safety thermostat					Yes - TempProtect Plus		
Activated charcoal filter					Yes		
Door lock					No		
Door hinges					Right, reversible		
Product dimensions							
in inch (H/W/D)					73 1/16 / 29 7/16 / 26 5/8		
in cm (H/W/D)					185.5 / 59.7 / 67.5		
Cut out dimensions							
in inch (H/W/D)					74 / 24 / 24		
in cm (H/W/D)					188 / 60.9 / 60.9		
Net weight lbs. (kg)					207 (93.9)		
Voltage V/Hz					115/60		

* Noise output – according to EN 60704-3.

Product Dimensions

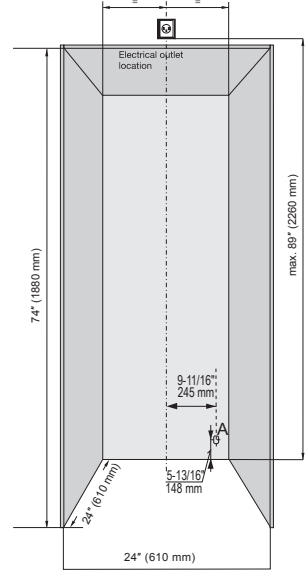


Allow door swing clearance at locations next to a wall. If the appliance is installed with the hinges next to a wall, the distance between the appliance and the wall must be at least 1 ½” (40 mm). This is how far the handle protrudes when the door is open.

The refrigerator door must open to a minimum of 90° to allow the crispers to open and the shelves to be removed.

Height can be increased by 3/8” (10mm) by turning the levelling feet at the front and the height adjustable rollers at the appliance rear.

Semi built-in look – Cutout Dimensions



The appliances can be used freestanding or semi built-in. If semi built-in, consider the minimum cabinet opening dimensions specified on this image.

For ventilation requirements, please follow instructions on section Ventilation Requirements, page 32.

The power cord exists the rear of the appliances (A) left side and has a length of 6.5 ft (2m). We suggest the electrical outlet not to be located behind the appliance, so it is easily accessible. This can be located on top of the niche like shown on the image or on the side.



HW 8000



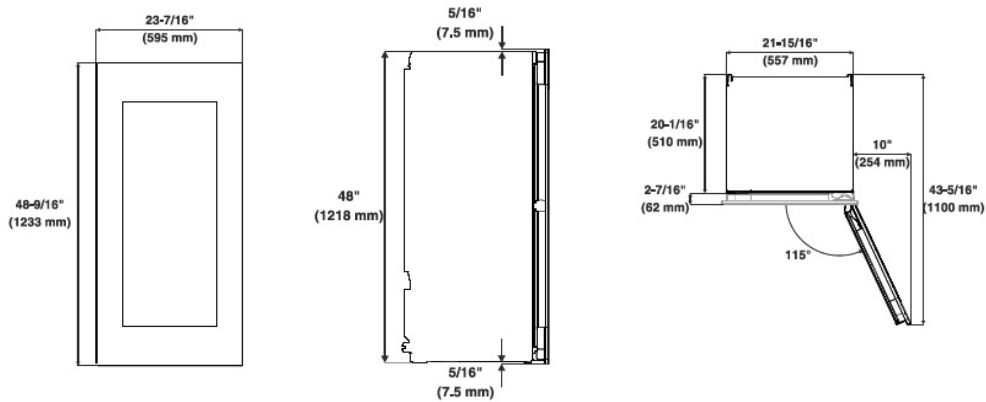
Available Accessories:

- Door opening limitation (hinge pin)
- Stainless-steel door panels with handle for HW 8000
- FreshAir activated charcoal filter
- Toe kick ventilation grill
- Brushed aluminum square handle
- Stainless steel round handle

 Super Silent  Soft System  ADA Compliant  Electronic Control  FreshAir 			
Energy consumption (kWh / y)	155		
Sound rating dB(A)*	36		
Total capacity cu.ft. (l)	9.0 (254)		
Max. No. of Bordeaux bottles (0.75l)	80		
Number of shelves	10		
Shelves on telescopic rails	8		
Shelf material	Beech wood shelves		
Presentation shelf	1		
Electronic control	LCD temp. display both wine zones, touch electronic		
Temperature range °F (°C)	41 to 68°F (5 to 20°C)		
Temperature zones	2		
Interior light	LED lighting permanently on, dimmeable		
Door alarm	Acoustic		
Safety thermostat	Yes		
Activated charcoal filter	Yes		
Door type	Panel ready or stainless steel panel as accessory		
SoftSystem	Yes		
Door hinges	Right, reversible		
Product dimensions			
in inch (H / W / D)	69 11/16 / 21 15/16 / 21 13/16		
in cm (H / W / D)	177 / 55.7 / 55.3		
Cut out dimensions			
in inch (H / W / D)	69 13/16" / 70 1/8" / 22 1/16"		
in cm (H / W / D)	177.2 / 17.14 / 57/55		
Net weight lbs. (kg)	200.6 (91)		
Voltage V / Hz	115/60		

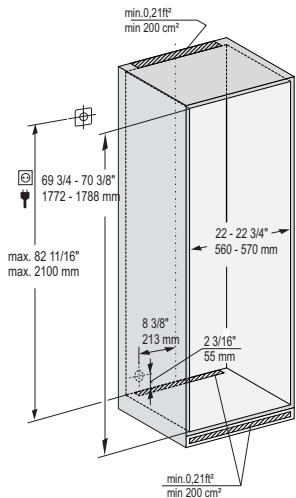
* Noise output – according to EN 60704-3.

Product Dimensions



Important:
Stated product height dimensions consider leveled feet are fully inserted.

Frameless Dedicated Cabinet Box Dimensions



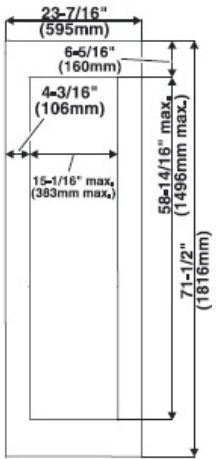
This is a fully integrated wine appliance designed to be completely enclosed in a dedicated cabinet. This dedicated cabinet box must be constructed in accordance with the specified dimensions and must allow for sufficient air circulation to ensure proper operation. For more details about ventilation requirements, please refer to page 33.

A ventilation grill must be installed in the base of the dedicated box, for dimensions of the toe kick ventilation grill, please refer to page 34. The toe kick area of the Dedicated Cabinet Box can be recessed like the rest of the kitchen cabinets.

We recommend that the power outlet be located outside the dedicated cabinet box for easy access. Free length of the power cord is 7.9 ft. (2.4m).

3” of the cabinet needs to be surface finished as it is visible when the door is open.

Door Panel Dimensions



Custom panels should be at least 5/8”(16mm) and a maximum of 3/4”(19mm) thick and they should cover the front of the dedicated cabinet box.

Maximum weight of the custom panel door is 44 lbs. (20 kg) including handle.

If using a “shaker style” panel that undershoots the minimum panel thickness, please be aware that you will need to use shorter screws than those supplied in the accessory pack.

HW4800



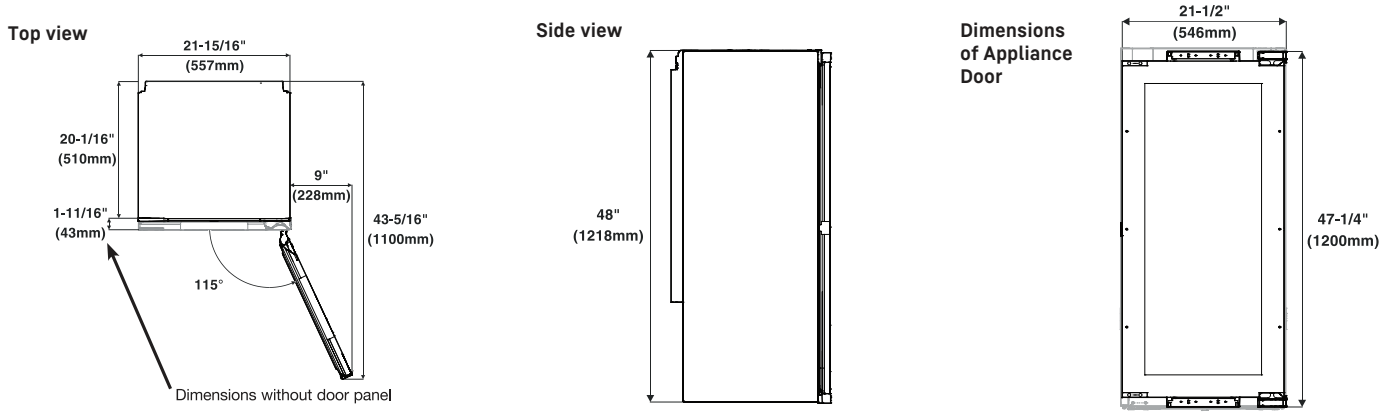
2 Zones	Wine	LED	Soft System	Telescopic Rails	ADA Compliant	
Energy consumption (kWh / y)				150		
Sound rating dB(A)*				36		
Total capacity cu.ft. (l)				5.6 (158)		
Max. No. of Bordeaux bottles (0.75l)				48		
Number of shelves				6		
Shelves on telescopic rails				4		
Shelf material				Beech wood		
Presentation shelf				Yes		
Electronic control				Touch electronic		
Temperature range °F (°C)				41 to 68°F (5 to 20°C)		
Temperature zones				2		
Temperature alarm				Yes		
Interior light				LED interior lighting		
Door alarm				Acoustic		
Safety thermostat				Yes		
Activated charcoal filter				Yes		
Door type				Panel ready, glass		
Door hinges				Right, reversible		
SoftSystem				Yes		
Door lock				No		
Product dimensions						
in inch (H/W/D)				48 / 21 15/16 / 21 13/16		
in cm (H/W/D)				121.8 / 55.7 / 55.3		
Cut out dimensions						
in inch (H/W/D)				48 1/16 / 22 1/16 / 21 11/16		
in cm (H/W/D)				122 / 56/ 55		
Net weight lbs. (kg)				-		
Voltage V/Hz				115/60		

Available Accessories:

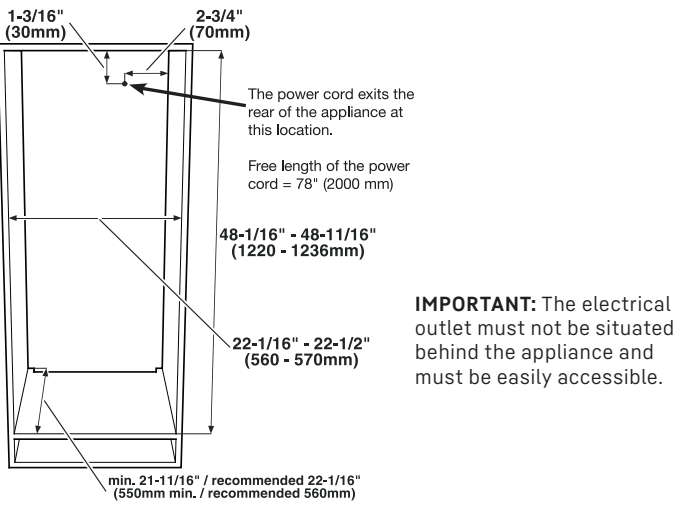
- FreshAir activated charcoal filter
- Ventilation grill
- Stainless steel panel with handle
- Brushed aluminum square handle
- Stainless steel round handle

* Noise output – according to EN 60704-3.

Product Dimensions



Frameless Dedicated Cabinet Box Dimensions



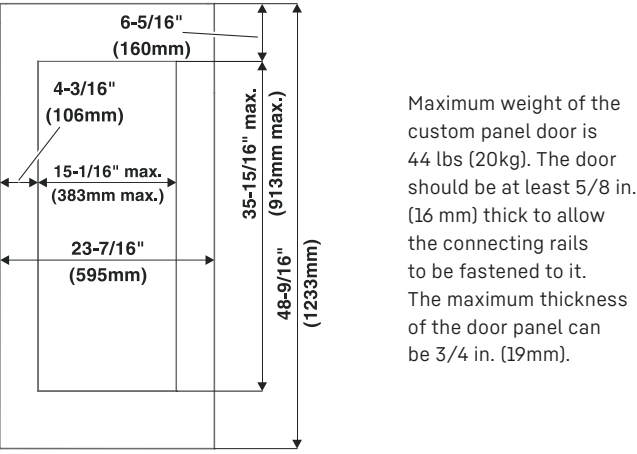
This is a fully integrated wine appliance designed to be completely enclosed in a dedicated cabinet. This dedicated cabinet box must be constructed in accordance with the specified dimensions and must allow for sufficient air circulation to ensure proper operation. For more details about ventilation requirements, please refer to page 33.

A ventilation grill must be installed in the base of the dedicated box, for dimensions of the toe kick ventilation grill, please refer to page 34. The toe kick area of the Dedicated Cabinet Box can be recessed like the rest of the kitchen cabinets.

We recommend that the power outlet be located outside the dedicated cabinet box for easy access. Free length of the power cord is 7.9 ft. (2.4m).

3” of the cabinet needs to be surface finished as it is visible when the door is open.

Door Panel Dimensions



Custom panels should be at least 5/8”(16mm) and a maximum of 3/4”(19mm) thick and they should cover the front of the dedicated cabinet box.

Maximum weight of the custom panel door is 44 lbs. (20 kg) including handle.

If using a “shaker style” panel that undershoots the minimum panel thickness, please be aware that you will need to use shorter screws than those supplied in the accessory pack.

HWgb 1803



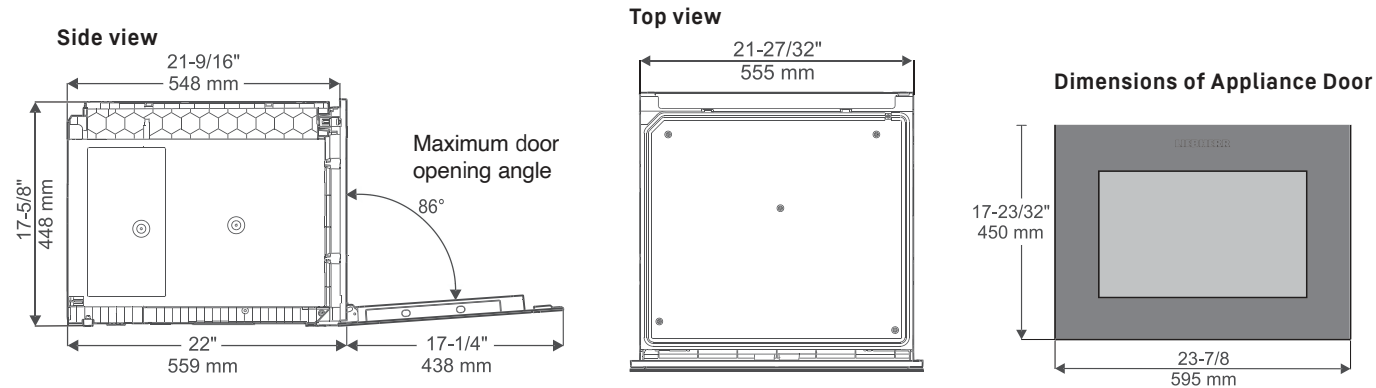
ENERGY STAR 1 Zones LED Tip Open Soft System Telescopic Rails ADA Compliant K	
Energy consumption (kWh / y)	106
Sound rating dB(A)*	34
Total capacity cu.ft. (l)	1.6 (46)
Max. No. of Bordeaux bottles (0.75l)	18
Number of shelves	3
Shelves on telescopic rails	2
Shelf material	Beech wood
Presentation shelf	No
Electronic control	Touch electronic
Temperature range °F (°C)	41 to 68°F (5 to 20°C)
Temperature zones	1
Temperature alarm	Yes
Interior light	LED interior lighting
Door alarm	Acoustic
Safety thermostat	Yes
Activated charcoal filter	Yes
Door type	Elegant black glass drop-down door with TipOpen Technology
Door hinges	Drop down
SoftSystem	Yes
Door lock	No
Product dimensions	
in inch (H / W / D)	17 11/16 / 21 7/8 / 22 1/6
in cm (H / W / D)	44.8 / 55.5 / 55.9
Cut out dimensions	
in inch (H / W / D)	17 3/4 / 17 13/16 / 22 1/16 / 22 1/2 / 21 11/16
in cm (H / W / D)	45-45.2 / 56-57 / 55
Net weight lbs. (kg)	75 (34)
Voltage V / Hz	115/60

Available Accessories:

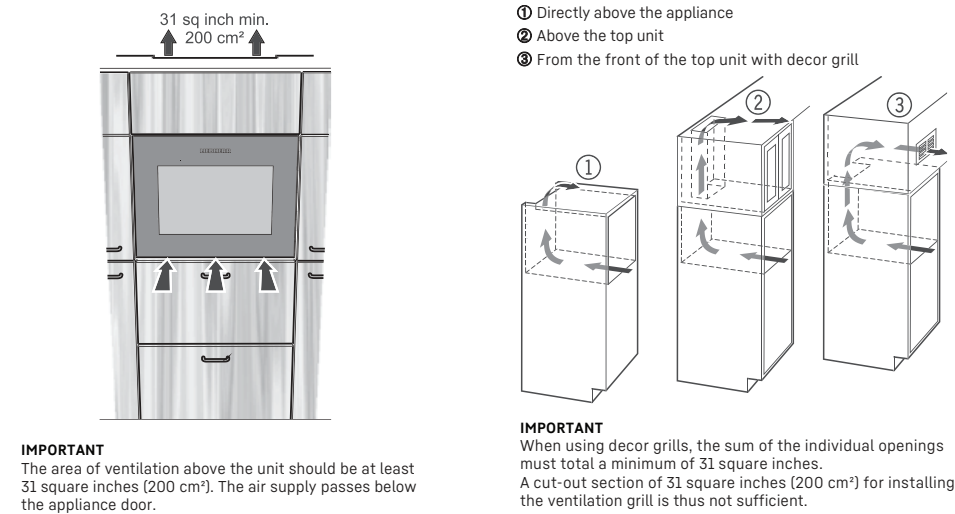
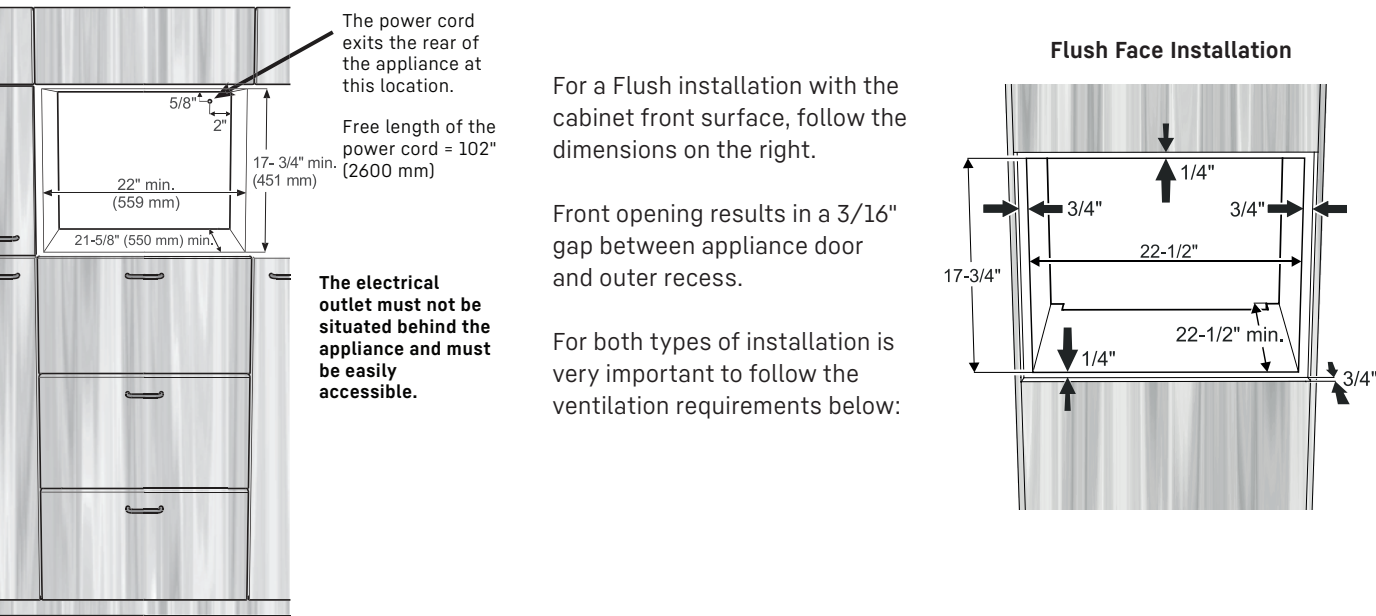
- FreshAir activated charcoal filter

* Noise output – according to EN 60704-3.

Product Dimensions



Frameless Dedicated Cabinet Box Dimensions and Ventilation requirements



Important:
When using decor grills, the sum of the individual openings must total a minimum of 31 square inches.

A cut-out section of 31 square inches (200 cm²) for installing the ventilation grille is thus not sufficient .

UnderCounter Models



UW3710



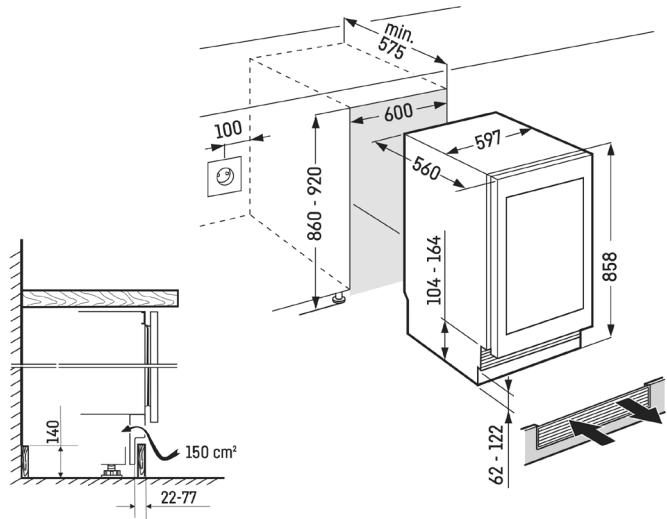
1 Zones	Flex Fit	Vibrate Safe	UV Protect	Humidity Select	LED	Soft System	Smart Device Box	
Energy consumption (kWh / y)		100						
Sound rating dB(A)*		38						
Total capacity cu.ft. (l)		4.0 (114)						
Max. No. of Bordeaux bottles (0.75cl)		44						
Number of shelves		5						
Shelves on telescopic rails		5						
Shelf material		Beech wood						
Presentation shelf		-						
Electronic control		Touch&Swipe						
Humidity control		HumiditySelect						
Temperature range °F (°C)		41 to 68°F (5 to 20°C)						
Temperature zones		1						
Temperature alarm		Yes						
Interior light		LED zone lighting						
Door alarm		Visual and acoustic						
Safety thermostat		Yes						
Activated charcoal filter		Yes						
Door type		Panel ready w/glass						
Door hinges		Right, reversible						
SoftSystem		Yes						
Door lock		Optional						
Product dimensions								
in inch (H / W / D)		33 7/8 / 23 9/16 / 22 3/16						
in cm (H / W / D)		85.9 / 59.7 / 56.3						
Cut out dimensions								
in inch (H / W / D)		33 7/8 / 36 1/4 / 23 5/8 / 22 7/8						
in cm (H / W / D)		86-92 / 60 / 58						
Net weight lbs. (kg)		97 (44)						
Voltage V / Hz		115/60						

* Noise output – according to EN 60704-3.

Available Accessories:

- FreshAir activated charcoal filter
- Stainless steel frame door panel left opening
- Stainless steel frame door panel right opening
- Stainless-steel round handle
- Brushed aluminum square handle
- Adjustable toe-kick

Product & Cut out Dimensions

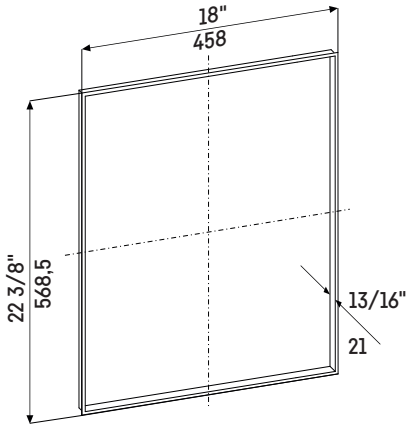
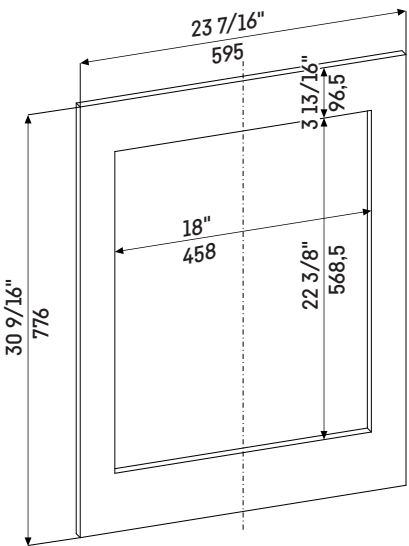


This is a fully integrated undercounter model which means that it is fully enclosed by a kitchen cabinet. This type of cabinet must be carefully constructed using the correct dimensions and it must provide suitable ventilation to ensure proper appliance operation.

The floor on which the appliance stands must be horizontal, and level and the kitchen cabinets must be aligned horizontally and vertically. We recommend the electrical outlet not be situated behind the appliance and be easily accessible.

The under counter can be installed in a standard niche of 34" up to taller niche of 36". To reach the taller niche heigh, the feet can be adjusted from a minimum 2 7/16 " (62 mm) up to 4 ¾" (12 mm) of toe kick height. To ensure proper refrigeration performance of the appliance, designed ventilation is required.

Please refer to page 35 for Ventilation requirement for under counters. The toe kick installation will be different depending on the cabinets where the appliance is installed. A toe kick panel will be required to cover the gap between the ventilation grill and the floor.



The door should be at least 5/8 in. (16 mm) thick to allow the connecting rails to be fastened to it. The maximum thickness of the door panel can be 3/4 in. (19mm).

The width of the cabinet door depends on the kitchen style and the size of the gaps between the door panels of the cabinetry. Generally, a 1/8 in. (3 mm) vertical gap between door panels is recommended. Maximum weight of custom panel door is 22 lbs (10 kg).

If using a "shaker style" panel that undershoots the minimum panel thickness, please be aware that you will need to use shorter screws that those supplied in the accessory pack.

UW3720



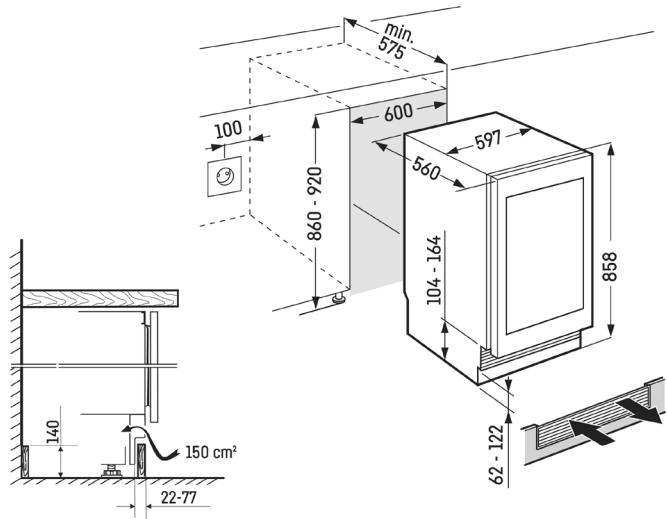
1 Zones	Flex Fit	Vibrate Safe	UV Protect	Humidity Select	LED	Soft System	Super Silent	Smart Device Box	
Energy consumption (kWh /y)					100				
Sound rating dB(A)*					36				
Total capacity cu.ft. (l)					3.6 (101)				
Max. No. of Bordeaux bottles (0.75cl)					38				
Number of shelves					5				
Shelves on telescopic rails					4				
Shelf material					Beech wood				
Presentation shelf					-				
Electronic control					Touch&Swipe				
Humidity control					HumiditySelect				
Temperature range °F (°C)					41 to 68°F (5 to 20°C)				
Temperature zones					2				
Temperature alarm					Yes				
Interior light					LED zone lighting				
Door alarm					Visual and acoustic				
Safety thermostat					Yes				
Activated charcoal filter					Yes				
Door type					Panel ready w/glass				
Door hinges					Right, reversible				
SoftSystem					Yes				
Door lock					Optional				
Product dimensions									
in inch (H / W / D)					33 7/8 / 23 9/16 / 22 3/16				
in cm (H / W / D)					85.9 / 59.7 / 56.3				
Cut out dimensions									
in inch (H / W / D)					33 7/8 / 36 1/4 / 23 5/8 / 22 7/8				
in cm (H / W / D)					86-92 / 60 / 58				
Net weight lbs. (kg)					101.4 (46)				
Voltage V / Hz					115/60				

* Noise output – according to EN 60704-3.

Available Accessories:

- FreshAir activated charcoal filter
- Stainless steel frame door panel left opening
- Stainless steel frame door panel right opening
- Stainless-steel round handle
- Brushed aluminum square handle
- Adjustable toe-kick

Product & Cut out Dimensions

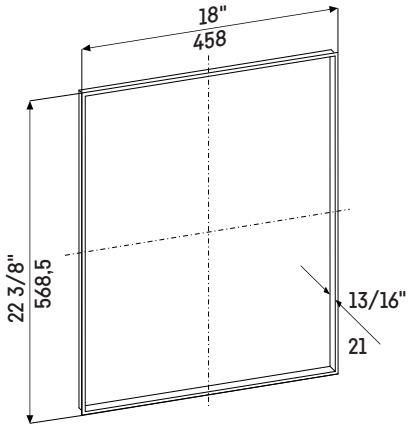
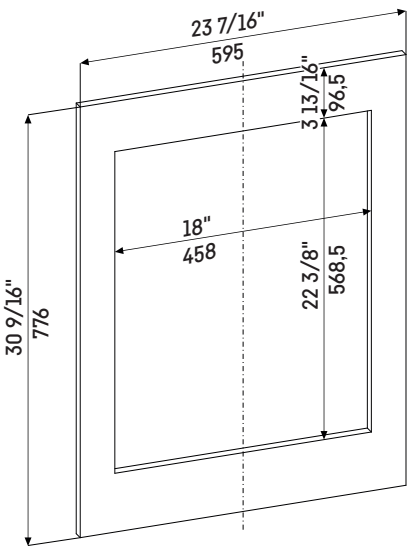


This is a fully integrated undercounter model which means that it is fully enclosed by a kitchen cabinet. This type of cabinet must be carefully constructed using the correct dimensions and it must provide suitable ventilation to ensure proper appliance operation.

The floor on which the appliance stands must be horizontal, and level and the kitchen cabinets must be aligned horizontally and vertically. We recommend the electrical outlet not be situated behind the appliance and be easily accessible.

The under counter can be installed in a standard niche of 34" up to taller niche of 36". To reach the taller niche heigh, the feet can be adjusted from a minimum 2 7/16 " (62 mm) up to 4 ¾" (12 mm) of toe kick height. To ensure proper refrigeration performance of the appliance, designed ventilation is required.

Please refer to page 35 for Ventilation requirement for under counters. The toe kick installation will be different depending on the cabinets where the appliance is installed. A toe kick panel will be required to cover the gap between the ventilation grill and the floor.



The door should be at least 5/8 in. (16 mm) thick to allow the connecting rails to be fastened to it. The maximum thickness of the door panel can be 3/4 in. (19mm).

The width of the cabinet door depends on the kitchen style and the size of the gaps between the door panels of the cabinetry. Generally, a 1/8 in. (3 mm) vertical gap between door panels is recommended. Maximum weight of custom panel door is 22 lbs (10 kg).

If using a "shaker style" panel that undershoots the minimum panel thickness, please be aware that you will need to use shorter screws that those supplied in the accessory pack.

Planning Information

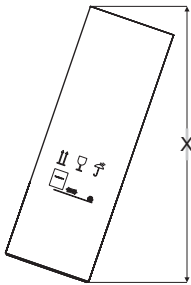
Area Requirements

Verify the following:

- Finished kitchen floor height is level. The appliance must be shimmed to the floor level, or levelled, to make sure air vents are not obstructed.
 - Remove anything attached to the rear or side walls that can obstruct the refrigerator opening.
 - Cutout dimensions are accurate.
 - Electrical outlet is in correct location.
- Do not install this appliance next to any other refrigerator or freezer except another Liebherr model.
- Liebherr models are designed to allow side by side installation. They are equipped with a heating system to eliminate condensation when units are installed side by side.
- Installing this appliance next to any other refrigerator or freezer can cause condensation or cause damage to the appliance.

Max height

X = 87.5" / 2223 mm



Do not install this unit next to any other refrigerator, freezer or wine column except another Liebherr model. Liebherr models are designed to allow for Side-by-Side installation. They are equipped with a heating system to eliminate condensation when units are installed Side-by-Side. Installing this unit next to any other refrigerator, freezer or wine column can cause condensation or cause damage to the Liebherr unit.

IMPORTANT

- To protect the refrigerator from possible damage, allow the appliance to stand 1 hour in place before turning the electricity on. This allows the refrigerant and lubrication system to reach equilibrium.

Safety Regulations

- The appliances are designed to cool, freeze, store food as well as make ice (if equipped).
- The appliances are manufactured to operate within specific ambient temperature limits according to its climate rating.
- The climate rating indicates the ambient temperature at which the appliance may be operated in order to deliver optimal refrigeration performance.
- The climate rating for all bottom freezers, refrigerators and freezers is SN-T, for wine it is SN-ST.

Climate Rating	Ambient Temperature
SN	50 °F to 90 °F (10 °C to 32 °C)
N	61 °F to 90 °F (16 °C to 32 °C)
ST	61 °F to 100 °F (16 °C to 38 °C)
T	61 °F to 109 °F (16 °C to 43 °C)
SN-ST	50 °F to 100 °F (10 °C to 38 °C)
SN-T	50 °F to 109 °F (10 °C to 43 °C)

IMPORTANT

Do not operate the appliance outside the specified ambient temperature range.

- Refrigerant circuits are tested for leaks.
- The appliances complies with current safety regulations.

CAN/CSA C22.2 No.60335-1-11
UL 60335-1 Fifth Edition
CAN/CSA C22.2 No. 60335-2-24-17
UL 60335-2-24 Second Edition

Electrical Requirements & Safety

A 15 amp or 20 amp, 110-120 VAC, circuit which is grounded and protected by a circuit breaker or fuse is required.

We recommend using a dedicated circuit for each appliance to prevent circuit overload and the chance of interruption to the appliance.

The appliances are equipped with a three-prong (grounding) polarized plug for protection against possible shock hazards.

The power plug must be easily accessible so that the appliance can be disconnected quickly in an emergency. It should not be behind the appliance.

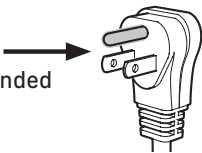
Comply with the National Electrical Code as well as local codes and ordinances when installing the receptacle.

WARNING!

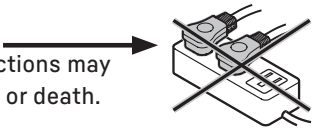
Electrocution hazard.

Electrical grounding required.

- Do not remove the round grounding prong from the plug.
- Do not use extension cords or ungrounded (two-prong) adapters.
- Do not use a power cord that is frayed or damaged.
- Do not use a power strip.



Failure to follow these instructions may result in fire, electrical shock or death.



WARNING!

The refrigerant R600a contained within the appliances is environmentally friendly, but flammable. Leaking refrigerant can ignite.

To prevent possible ignition, designed ventilation is required.

Safety Instructions and Warnings

- Do not attach the water source while the appliance is connected to an electrical outlet.
- A shut-off valve must be installed between the hose line and the main water supply so that the water supply can be stopped if necessary. Do not install the shut-off valve behind the appliance.
- The connection to the water supply may only be made by a trained and licensed plumber.
- The water quality must comply with the drinking water regulations for the geographical area where the appliance is located.
- The IceMaker is designed exclusively to make ice cubes in quantities needed by a household, and may only be operated with water appropriate for this purpose.
- All repairs and work on the IceMaker may only be done by Customer Service personnel or other trained personnel.
- The manufacturer cannot accept liability for damage caused by equipment or water lines between the solenoid valve and the water supply.

Ventilation Requirements Freestanding

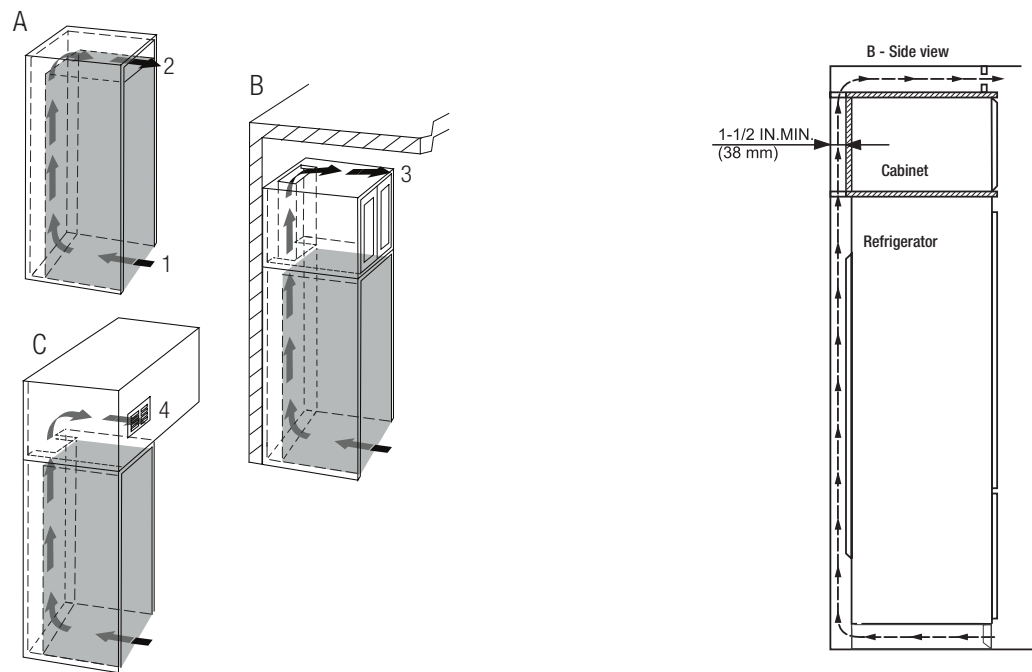
If the appliance is integrated in a fitted kitchen, the following ventilation requirements must be met: - The spacing fins on the back of the appliance are used to ensure sufficient ventilation. These must not lie in cavities or recesses in their final installation position. - Basically, the larger the ventilation gap, the more energy the appliance saves during operation. We suggest a gap between the rear of the appliance and the wall of 1 1/2 inch (38 mm) for optimal energy consumption.

Do not restrict the air flow. A cross-sectional air flow of at least 31 in2 (200cm2) per appliance at the airflow inlet (1) and at the airflow outlet (2).

The top ventilation space can be directed in one of the following ways:

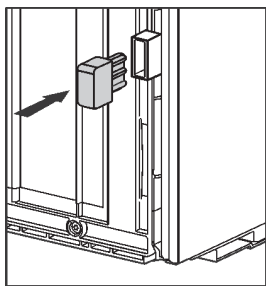
- A. Directly over the appliance (2) with a gap between the ceiling of the unit and the cabinet
- B. Above the cabinet and below the ceiling (3).
- C. Through a vent installed in a soffit (4).

Be sure to consider the possibility of having to raise some of the leveling legs in order to level the appliance when installing. If you adjust the height of the appliance – it will effectively reduce air flow. Therefore leave yourself some room for adjustment. The appliance is designed to allow proper air flow when installed up against the wall.



Mounting wall spacers

These spacers are mounted on the left and right of the back of the appliance to extend the depth of the appliance by approximately 5/8 in (15mm) and provide better energy consumption and avoid the formation of condensate water at high levels of ambient humidity and enclosed niches. The appliance is fully functional if the spacers are not used, but it will consume slightly more energy.



Ventilation Requirements Fully Integrated

The HW fully integrated wine refrigerators are fully enclosed by a dedicated cabinet. This type of cabinet must be carefully constructed using the correct dimensions and it must provide suitable ventilation to ensure proper appliance operation. Find more information on pages 36-37.

NOTICE
If the following ventilation dimensions are not observed the compressor will be damaged.

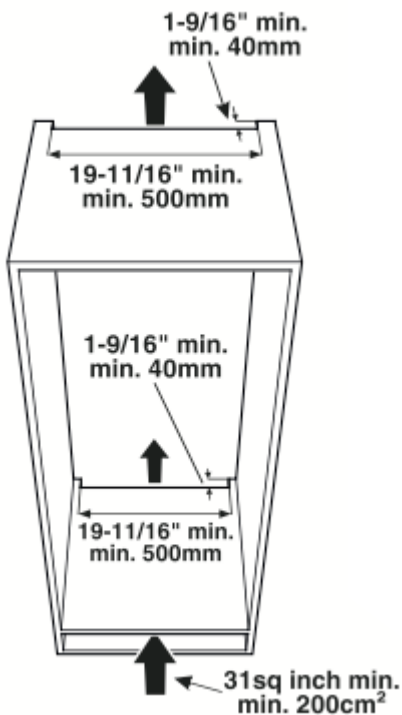
Kitchen Cabinet Airflow

1. The following ventilation dimensions must be observed:

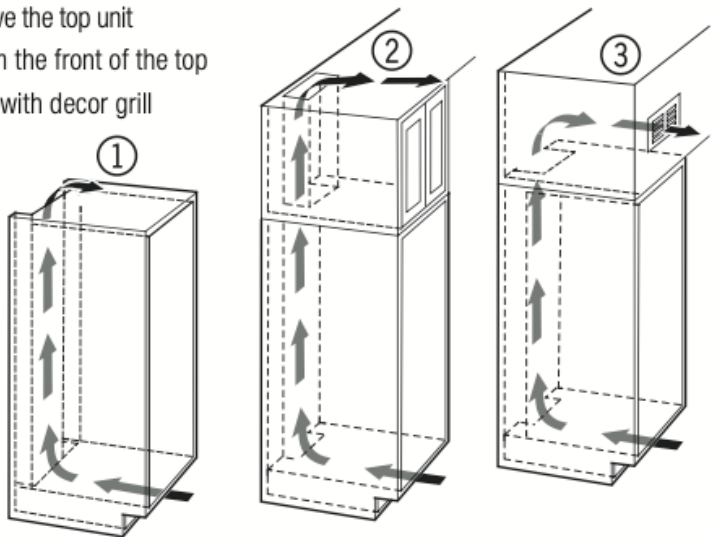
There must be a ventilation space at least 31 in.2 (200 cm2) at the airflow inlet (1) and at the airflow outlet (2).

The top ventilation space can be directed in one of the following ways:

- A) Directly over the appliance (2) with either an optional factory air vent or custom made one.
- B) Above the cabinet and below the ceiling (3).
- C) Through a vent installed in a soffit (4).



- ① Directly above the appliance
- ② Above the top unit
- ③ From the front of the top unit with decor grill



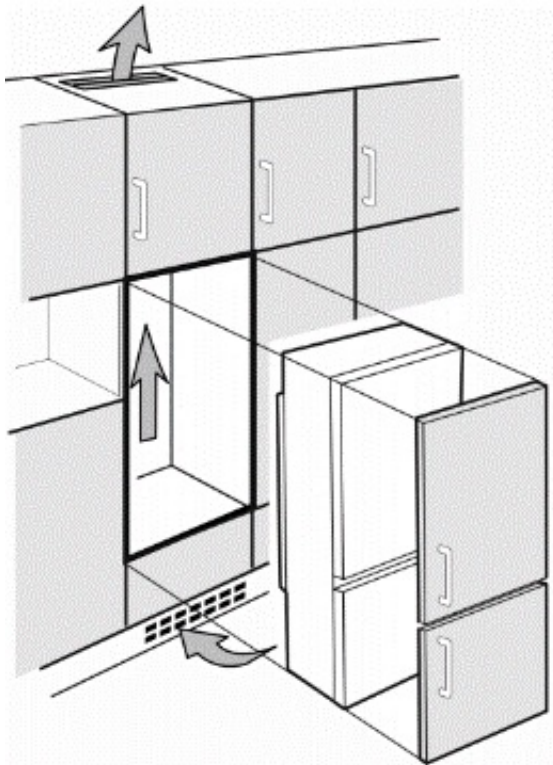
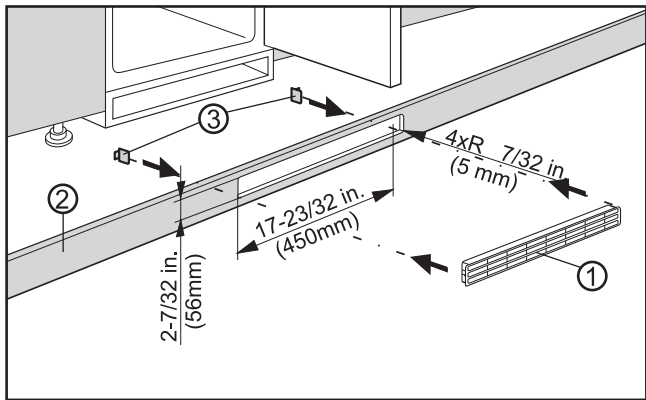
Ventilation Requirements Fully Integrated

Toe Kick Requirements

Ventilation through the cabinet base at the bottom can be achieved by installing the provided ventilation grille (3) or via a ventilation opening of at least 31 in2 (200 cm2).

When using the ventilation grille (3), please proceed as follows:

- In the cabinet base, cut out a ventilation opening that is 17 23/32 in. (450 mm) in width and 2 7/32 in. (56mm) in height.
- Insert ventilation (3) grille into the cabinet base cut-out (1).
- From the back side, slide the snap-fits (2) into the grille until the hooks make contact with the cabinet base.
- Completely mount cabinet base (with ventilation grille and snap-fits) to kitchen cabinet.
- The toe kick area, in the dedicated cabinet box, can be recessed as per the rest of the kitchen cabinets.



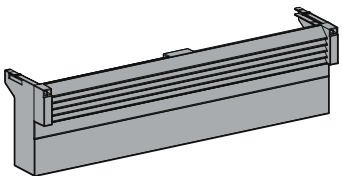
Ventilation Requirements Under counters

This is a fully integrated undercounter model which means that it is fully enclosed by a kitchen cabinet. This type of cabinet must be carefully constructed using the correct dimensions and it must provide suitable ventilation to ensure proper appliance operation.

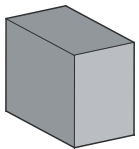
IMPORTANT

To ensure proper refrigeration performance of the appliance, designed ventilation is required.

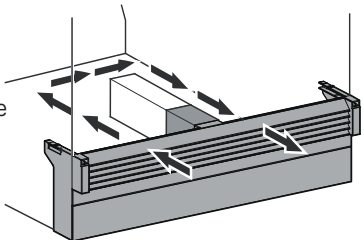
The ventilation grille must be installed onto the appliance.



The foam block supplied must be installed in order to ensure the required air flow through the appliance base.



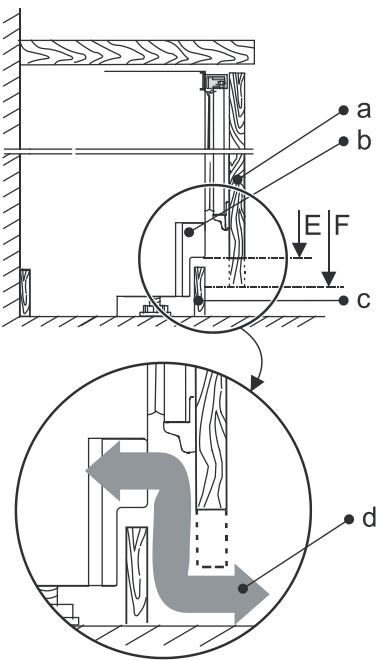
Failure to follow this instruction may result in poor refrigeration performance



After installing the kitchen cabinet door, there must be a ventilation gap between the appliance ventilation grille and the kitchen cabinet door. The ventilation grille is movable to guarantee sufficient ventilation.

IMPORTANT:

A minimum opening of 1-3/8" (35 mm) must be maintained to allow proper air flow for ventilation.



- a:** kitchen cabinet door
- b:** appliance ventilation grille
- c:** toe kick panel
- d:** Air flow

The kitchen cabinet door, the appliance ventilation grille and the toe kick panel must maintain a minimum opening of 1-3/8 " (35 mm) to allow proper air flow for ventilation.

Case E:

The ventilation openings in the ventilation grille are freely visible or are scarcely covered by the unit door.

- Ventilation is sufficient
- The ventilation grille can be pulled forward as far as possible so that the front edge of the ventilation grille and the toe kick panel lie flush.

Case F:

The kitchen cabinet door covers the ventilation openings of the appliance ventilation grille b and part of the toe kick panel.

- To guarantee sufficient ventilation, there must be a ventilation gap of 1-3/8 " (35 mm) behind the unit door.
- Push the ventilation grille fully back.

Installation Dimensions for fully integrated wine refrigerators HW

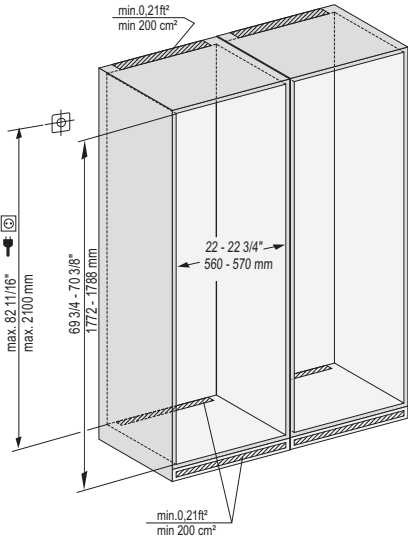
These pantry wine refrigerators cannot be installed directly on the floor, they must be installed into dedicated frameless cabinet boxes.

When planning your kitchen or wine room, you must consider 4 different dimensions: cut out niche dimension to accommodate the box where the appliances will be installed, dedicated cabinet box should accommodate the appliance, appliance dimensions and door panel dimensions.

When installing 2 or 3 appliances side by side, please consider that each appliance has to be installed in its own frameless dedicated cabinet box.

Cut Out Niche

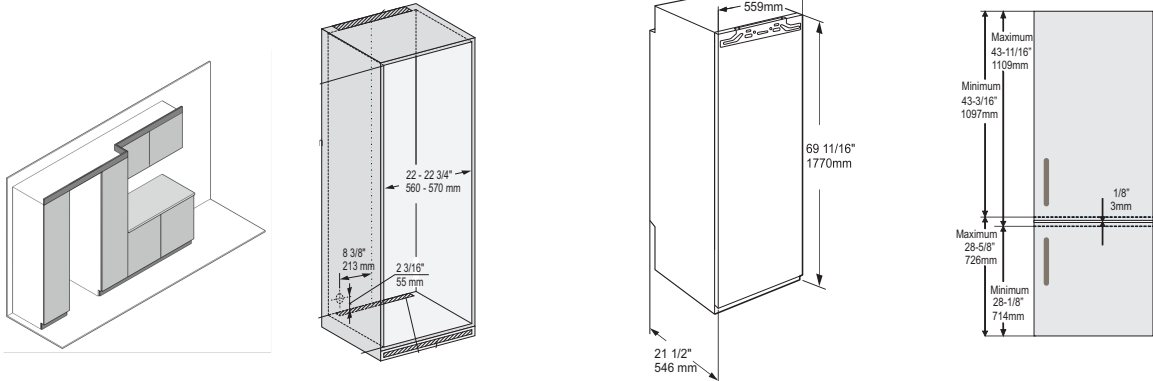
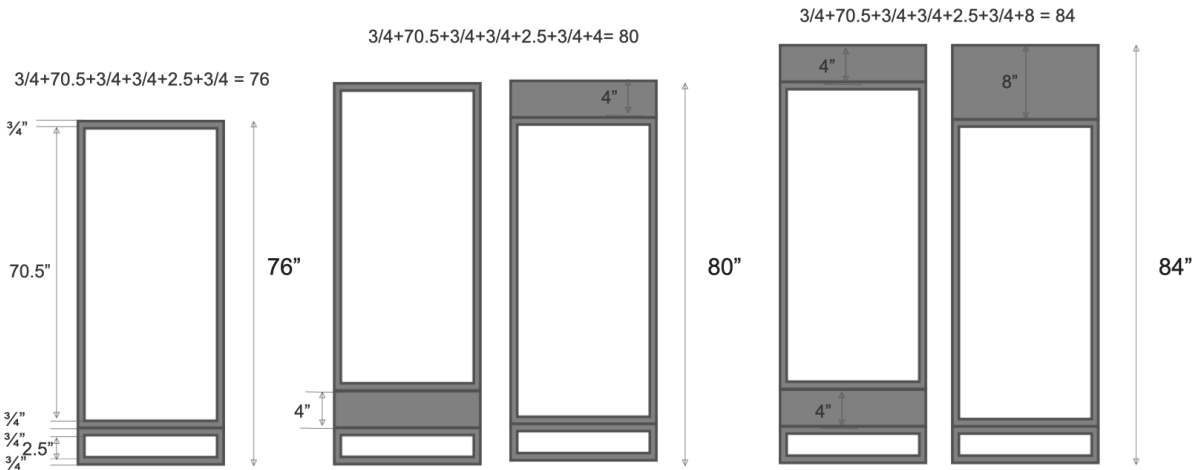
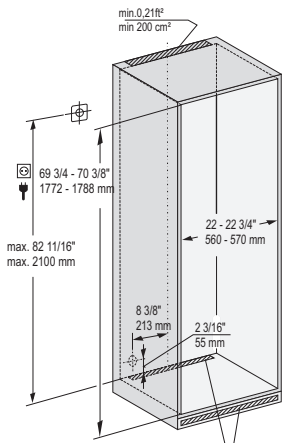
When planning the cut out niche, it is essential to consider that the appliance must be installed in its own dedicated cabinet box, which will fit into the cut out niche.



Frameless Dedicated Cabinet Box

We recommend to use 3/4" thick panels to build the appliance dedicated cabinet box. The dedicated cabinet box internal dimensions must follow dimensions on the table, however height can vary according to the design definition of the kitchen, as some examples below, installation can be on at 76", 80" or 84" niche height.

The dedicated cabinet box must always consider the toe kick bottom niche for proper ventilation.



Cut out niche to fit dedicated cabinet box	Cut out dedicated cabinet box	External appliance dimension	Door Panels
L: 24"	G: 22 1/2"	A: 21 5/16	Refrigerator door
M: 23"	H: 21 11/16"	B: 21 1/2"	& freezer door
N: 76"	F: 70 7/16	C: 69 11/16"	

Accessories

01 FreshAir activated carbon filter

FreshAir activated charcoal filter for W* & UW* models	9882460
FreshAir activated charcoal filter for HW* models	9882470



02 Stainless-steel panels

Stainless steel frame door with handle for HW 8000	9901573
Stainless steel frame door with handle for HW 4800	9901575
Stainless steel frame door for UW left opening	9904929
Stainless steel frame door for UW right opening	9904930



03 Handles

23" Square aluminum handle	9901561
23" Round stainless-steel handle	9904734



04 Toe kick

Ventilation toe kick for HW models	9097348
Height-adjustable toe kick	7742874



05 Clip

Clip on label for wine racks	9095811
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06 Lock

Lock for Wine under counters	7044118
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September, 2025