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## Built-in appliances

A - Z features and benefits

Quality, Design and Innovation





Features and benefits

Fridges

Freezers

Built-Under fridges and freezers

Wine Cabinets

Features and benefits

Fridges

Freezers

Built-Under

Wine Cabinets

# Ten good reasons to choose Liebherr

## 1 Experience counts

Liebherr is a specialist in refrigeration technology and has been consistently developing and producing new, pioneering refrigeration solutions for more than 60 years. No other refrigeration appliance manufacturer secures greater brand loyalty from its customers than Liebherr, and knowing this motivates us to keep on delivering innovative appliances that merit our customers' confidence and trust.

## 2 Optimum product quality

To guarantee consistent product quality, Liebherr always uses the very best materials and components in the manufacture of its appliances. Every appliance is tested for quality and functionality during manufacture. Continual product development, optimised components, and superb craftsmanship down to the finest details help to guarantee customer satisfaction and to ensure that Liebherr's reputation for high-quality, long-lasting appliances is never in any doubt.

## 3 Classic design

By bringing together excellent materials and classic contours, Liebherr refrigeration always meets outstanding design criteria. Featuring premium-quality stainless steel, precision electronics, and exquisite Glassline fittings all Liebherr appliances are characterised by a timeless elegance.

## 4 Environmentally friendly

Active Green

Liebherr takes environmental responsibility seriously, and our ActiveGreen philosophy is applied to all appliance development processes from the design phase onwards. Not only does Liebherr use the highest-quality components to build appliances that are reliable, durable and energy efficient, it also ensures that all plastics are labelled for recycling. In addition, all manufacturing processes are geared towards the efficient use of resources, e.g. heat generated during manufacture is recycled as heat energy. All Liebherr production sites are certified to the international quality standard ISO 9001 and the international environmental management standard ISO 14001.

## 5 Outstanding energy efficiency

A++ A+++ A+++  
-20%

Most Liebherr appliances are rated in the top energy efficiency classes, and many of our latest models are another 20% more energy efficient than the threshold level for the A+++ class. With Liebherr you get the best of both worlds - energy efficiency and practical convenience.

## 6 BioFresh – proven healthier

Bio Fresh

BioFresh provides the perfect conditions for long-lasting freshness: a temperature just over 0 °C and optimised humidity levels. Fruit, vegetables, meat, fish and dairy products all retain their nutritional content, delicate flavour, and appetising appearance for much longer with BioFresh storage than under normal refrigeration conditions.

## 7 NoFrost – professional freezing quality

No Frost

No more defrosting: Liebherr's NoFrost technology provides outstanding freezing performance for professional-quality, long-term freshness. Food is frozen using circulating chilled air from which the moisture has been removed, and so the freezer remains ice-free and foods do not frost over.

## 8 Ideal storage for fine wines

Smart Device

Liebherr wine storage cabinets offer the perfect conditions for wines to peacefully mature and develop their aroma to the fullest. Multi-temperature wine cabinets allow different types of wine to be stored at their optimal serving temperatures. The Vinidor appliances offer optimum versatility and the best of both worlds.

## 9 Award winning

The outstanding product and design quality of Liebherr appliances is repeatedly recognised by independent bodies with accolades received from the Interior Innovation Award, the Red Dot Award, and the iF Design Award. Liebherr appliances are regularly named as 'test winners' by the German consumer association Stiftung Warentest, and Liebherr has also been awarded the quality seal 'Favourite Brand Gold: Consumers' Choice' - the highest accolade awarded to companies by the Kitchen Innovation of the Year consumer award.



## 10 Highly comprehensive product range

Offering a range of over 400 fridges, freezers, fridge-freezers, freestanding and built-in - Liebherr can confidently guarantee the perfect food storage conditions for almost every customer.

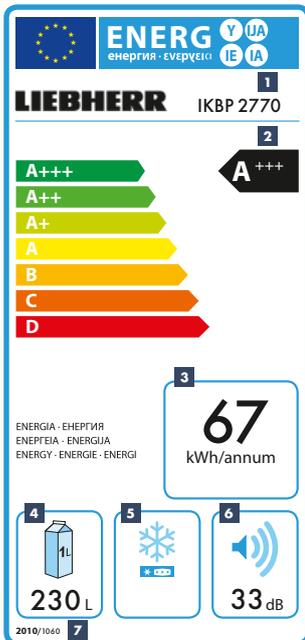
Active Green

## Eco-friendly production

Liebherr puts the environment at the centre of its product design and manufacturing processes for all refrigeration models.

- In 1993, Liebherr was the first manufacturer to convert its entire appliance range to HCFC/CFC-free refrigerants.
- All sheet metal is finished using environmentally friendly powder coatings, with no solvents or waste water that damage the environment.
- Heat generated during manufacturing is recycled as heat energy.
- Labelling of all plastic components ensures optimum recyclability.
- Liebherr takes environmental responsibility seriously: all Liebherr production sites are certified to the international quality standard ISO 9001 and to the international environmental management standard ISO 14001.

## Energy label for domestic refrigerators and freezers



- 1 Manufacturer's name or brand, product classification
- 2 Energy efficiency class
- 3 Energy consumption in kWh/year (based on standardised testing). Actual energy consumption depends on appliance usage
- 4 Total capacity of refrigerator compartments (compartments not labelled with stars)
- 5 Total capacity of freezer compartments (compartments labelled with stars)
- 6 Noise emissions in db(a) (noise level)
- 7 EU regulation

## Maximum energy efficiency

A+++ A+++  
-20%

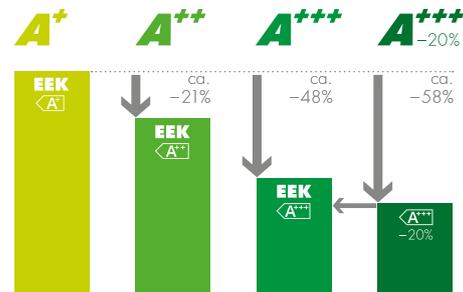
Fridges and freezers run around the clock and are responsible for up to 15 percent of the electricity bill. That is why more and more consumers are paying attention to the energy efficiency class when making a purchase. An appliance is particularly efficient when it consumes relatively little energy despite high performance.



Liebherr was one of the first manufacturers to develop and market fridges and freezers in Europe with the highest energy efficiency class of A+++.

Furthermore, the Liebherr program even includes appliances with consumption values that are 20 percent below the EU-specified limit of the optimal efficiency class A+++.

And A+++ appliances consume just under 60 percent less energy than "normal" A-class appliances. This not only saves energy costs, it also makes an important contribution towards climate protection.



\* Energy efficiency index 20% below (EEI 176) the threshold level (EEI 22) for energy efficiency class A+++ according to Delegated Regulation (EU) No 2010/1060



## 1

### Product classification

- EC(B)N · Integrated combination fridge-freezer, (BioFresh), door-on-door
- EG · Freezer with décor panel
- EK · Fridge with décor panel
- EW T · Build-in multi-temperature wine cabinet
- EW Tdf · Panel-ready multi-temperature wine cabinet
- ICBN(i) · Integrated BioFresh fridge-freezer with NoFrost, door-on-door, i = incl. SmartDeviceBox
- ICBP · Integrated BioFresh combination fridge-freezer, door-on-door A+++
- ICBS · Integrated BioFresh fridge-freezer, sliding door
- (S)ICN · Integrated fridge-freezer with NoFrost, door-on-door, (suitable for SBS concept)
- ICP · Integrated fridge-freezer, door-on-door, A+++
- ICS · Integrated fridge-freezer, sliding door
- ICTS · Integrated fridge-freezer (1 refrigeration circuit) with SmartFrost, sliding door
- ICU · Integrated fridge-freezer (1 refrigeration circuit), door-on-door
- ICUN · Integrated fridge-freezer (1 refrigeration circuit) with NoFrost, door-on-door
- ICUNS · Integrated fridge-freezer (1 refrigeration circuit) with NoFrost, sliding door
- ICUS · Integrated fridge-freezer (1 refrigeration circuit), sliding door
- IG · Build-in freezer, door-on-door

- (S)IGN · Build-in freezer with NoFrost, door-on-door, (suitable for SBS concept)
- IGS · Build-in freezer, sliding door
- IK · Integrated fridge, door-on-door
- IKB · Integrated BioFresh fridge, door-on-door
- IKBP(i) · Integrated BioFresh fridge, door-on-door, A+++ (incl. SmartDeviceBox)
- IKF · Integrated fridge with bottle holder, door-on-door
- IKP(i) · Integrated fridge, door-on-door, A+++ (incl. SmartDeviceBox)
- IKS · Integrated fridge, sliding door
- SBS · Side-by-side
- SIBP · Build-in full-space BioFresh fridge, door-on-door, suitable for SBS concept
- SUIG(N) · Build-in under-worktop freezer, suitable for SBS concept, (NoFrost)
- UK · Panel ready under-worktop fridge
- UIK(P)(o) · Build-in under-worktop fridge (A+++)(pull-out drawer)
- UG · Panel ready under-worktop freezer
- UIG · Build-in under-worktop freezer
- UWT · Under-worktop multi-temperature wine cabinet
- UWK · Under-worktop wine storage cabinet
- WKE · Build-in wine storage cabinet
- gb/gw · Insulated glass door black/white

## 2

### Niche height

- One-door**
- 10 · Niche 72 cm
- 16 · Niche 88 cm
- 19 · Niche 102 cm
- 23 · Niche 122 cm
- 27 · Niche 140 cm
- 29 · Niche 158 cm
- 35 · Niche 178 cm

### Two-door

- 29 · Niche 158 cm and two freezer drawers
- 32 · Niche 178 cm and two freezer drawers
- 33 · Niche 178 cm and three freezer drawers

### Side-by-Side

- 70 · 2 x 35 · 2 x one-door appliances as SBS
- 66 · 2 x 33 · 2 x combination appliances as SBS

## 3

### Features and clustering

- 0 · Special models
- 1 to 4 · Comfort
- 5 to 9 · Premium
- 1 · Integrated with SBS

## 4

### One-door

- 0 · Fridge
- 4 · 4-star compartment

### Two-door

- 4 · Control buttons with digital display
- 6 · Touch panel with digital display

### Side-by-Side

Information about cooling zones and IceMaker

# Labelling overview

## Technologies

### Bio Fresh

Stored close to 0 °C and at optimised humidity levels, fruit, vegetables, meat, fish and dairy products remain fresher for much longer than if stored under normal refrigeration conditions

### Bio Cool

Adjustable humidity levels keep fruit and vegetables fresher for longer

### Smart Device

The SmartDeviceBox allows you to control your appliance and access further services via a computer or mobile device

### Silent

Particularly quiet operation due to special design and components. The models EWTgb 2383 and ICP 3334 are currently among the quietest on the market.

## Technologies (Freezing)

### No Frost

Frost-free convenience

### Smart Frost

Defrosting is seldom required

### Duo Cooling

Two completely independent, fully adjustable cooling circuits for tailored control of the fridge and freezer compartments. Prevents transfer of food odours and the drying out of food

### Tip Open

Handle-less touch opening system with automatic SoftSystem self-closing mechanism

### Side by Side

Different models can be easily combined, both vertically and horizontally, to create a Mix and Match food storage centre

## Energy & Environment

### A+++ -20%

Appliances 20% more efficient than the threshold level required to be rated in the top energy efficiency class, A+++

### A+++

Attractive range of appliances in the best energy efficiency classes

### A++

## Features

### Soft System

Door closes particularly gently from an opening angle of about 35° - even when the door shelves are fully stocked

### Soft Telescopic

Drawers positioned on fully-extensible, self-retracting telescopic rails with a soft-closing mechanism for convenient use

### Telescopic Rails

Drawers open and close on smooth-running telescopic rails for convenient access and easy removal of stored products

### LED

Optimal illumination that's energy-saving and maintenance free, whilst generating minimal heat

### Ice Maker

Automatic IceMaker for plumbed-in connection to mains water supply

### LiftUp-Box

The storage space below the pull-out drawer is ideal for the convenient removal of groceries.

## Product groups

### Wine

Perfect conditions for fine wines with innovative storage and tempering features

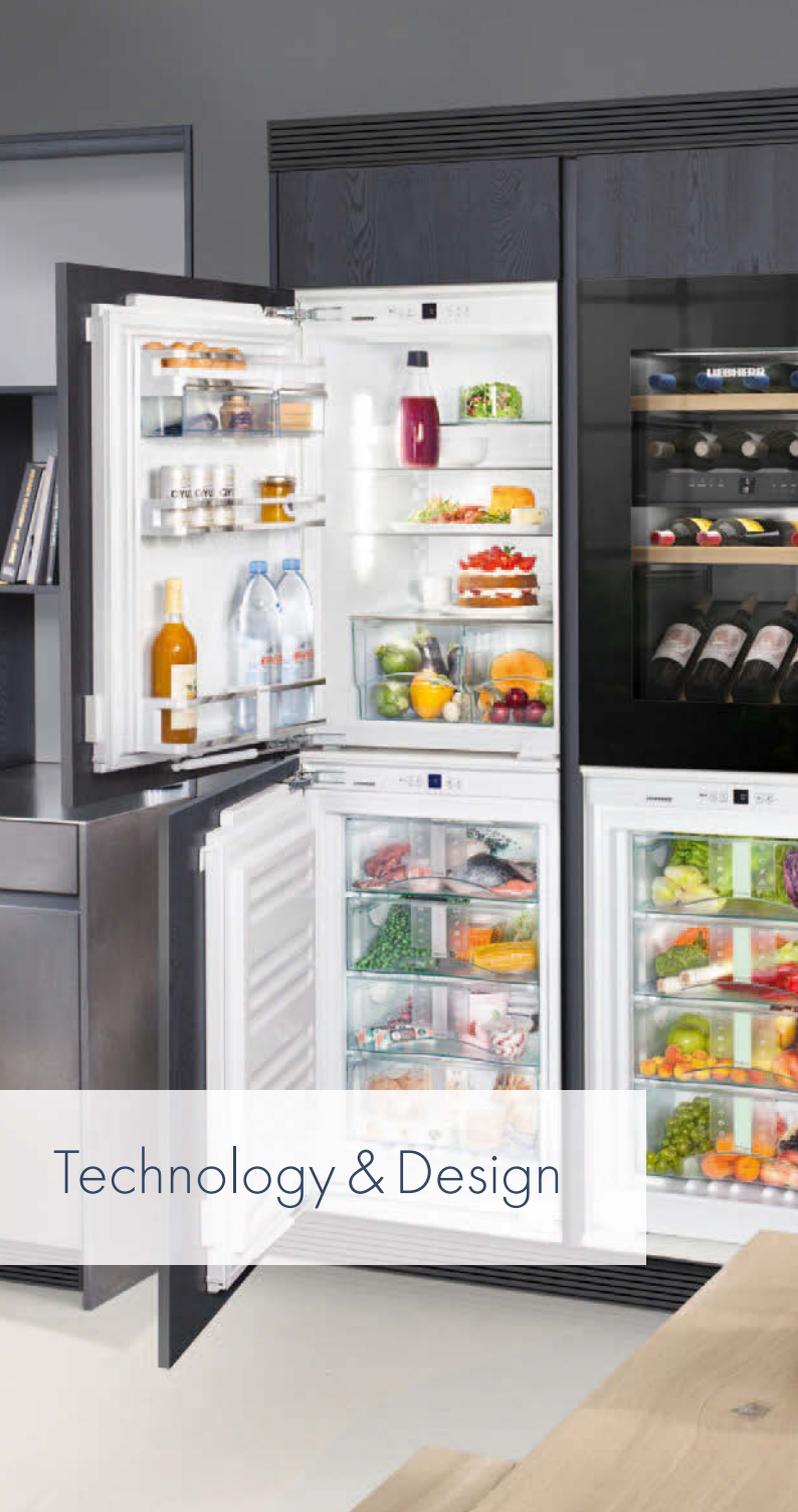
## Professional refrigeration quality

To ensure that you can have complete confidence in your appliance - 24 hours a day, 365 days a year - right from the initial stages of development, we continually check all of our components for reliable, long-term functioning. For example: before our door hinges enter into production, they are tested and have to successfully undergo at least 100,000 opening cycles, which equates to more than 15 years of use.

We also subject our telescopic rails and Glassline safety glass to more than the usual strains in order to ensure a long service life.

All newly manufactured domestic appliances from Liebherr comply with the requirements of standard IEC 60335-2-24 A2 §30 in terms of heat and fire resistance.

We offer a two-year warranty on the operational effectiveness and reliability of your appliance, and guarantee that our products are free from material and production defects.



Technology & Design



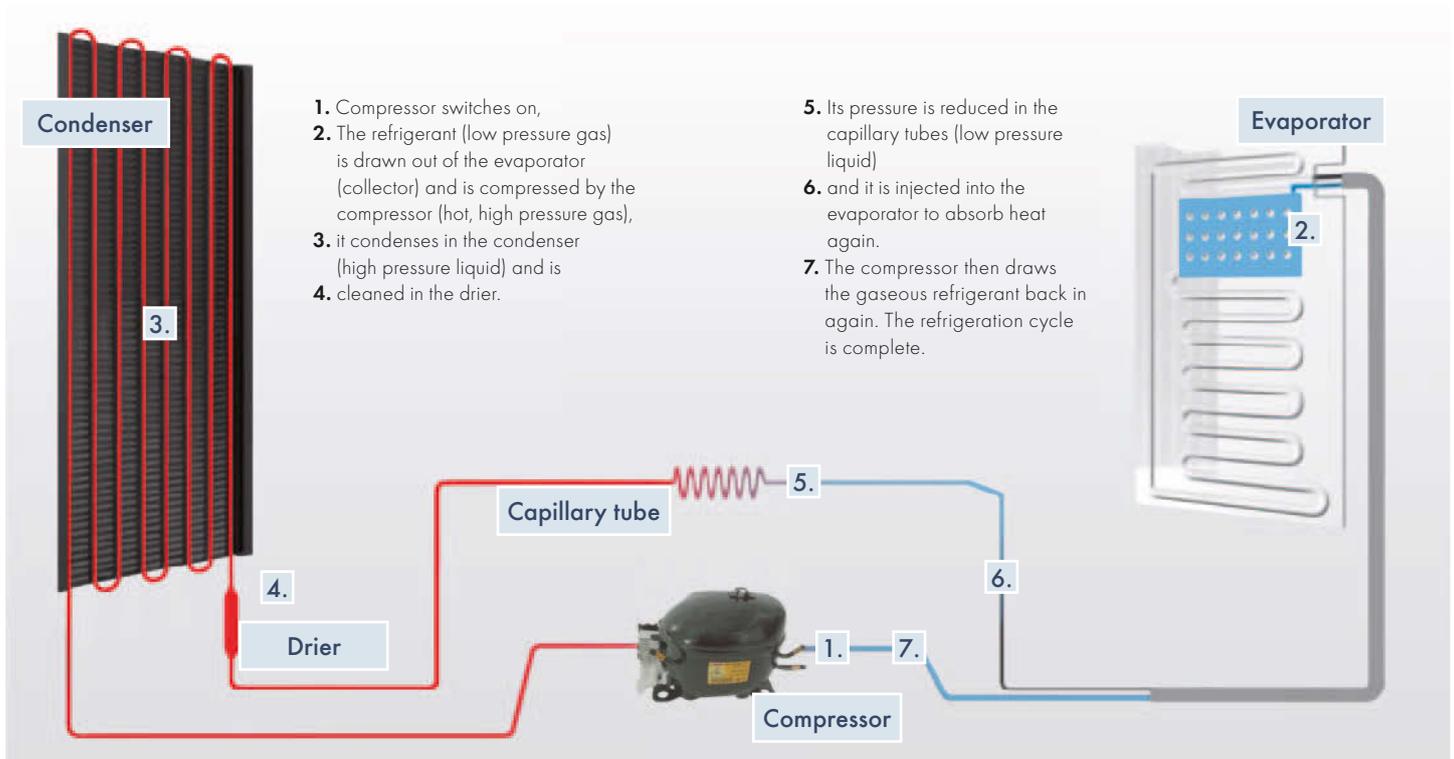
# Refrigeration cycle

## What it does and how it works

The refrigerant evaporates under low pressure in the evaporator, a process which extracts heat from the appliance interior and hence from the stored food. For liquid refrigerant to be continuously available to extract heat in this manner its gaseous counterpart must be drawn into the compressor. The gaseous-state refrigerant enters the compressor via a valve and is compressed. Compression

increases the temperature of the gaseous refrigerant to create the temperature difference necessary for subsequent condensation and heat dissipation in the condenser – in the condenser, the heat is dissipated into the ambient air and the gaseous refrigerant condenses to form a high pressure liquid, which eventually finds its way back into the evaporator.

## Diagram of the refrigeration cycle



## Did you know ...?

During the production of freestanding and built-in appliances, an additional transparent plastic layer is applied to the **door interiors**. Known as coextrusion, this process makes the surface of the door interiors easier to clean and more resistant to wear. It also gives them a high-gloss appearance contributing to their overall premium-quality feel.

Whether in extreme temperatures or high humidity - our appliances run smoothly and efficiently in all climate conditions. The appliances demonstrate their versatility in long-term tests in climate chambers, and they do so beyond the usual measuring periods.

We listen very closely in our professional noise measuring rooms: Where do the appliances have potential sources of irritating noises? And where can our engineers further improve the acoustics in order to further dampen noise emissions and optimise the sound quality of moving components such as doors and drawers?

The **magnetic core** in the Liebherr appliance seals ensures that the doors close securely and remain tightly closed, preventing temperature loss.

Each Liebherr appliance that leaves our production sites must undergo a **final quality inspection**. This involves examination of the electrical and refrigeration technology along with a visual inspection. We therefore provide assurance that all technical components are fully functional and without fault.

Prestigious international design awards regularly endorse the exceptional **design quality** of our appliances.



Liebherr - Quality down to the last detail



### Side by Side

Many Liebherr built-in appliances are designed so that they can be positioned next to or on top of one another. In this way, you can create your very own food and wine storage centre by combining fridge-freezers, fridges, freezers and wine cabinets (Mix and Match). All appliances labelled 'Side-by-Side' can be combined to create a storage centre that meets your personal storage requirements, and one that can be perfectly integrated into your kitchen.

This means you can enjoy all the advantages of Liebherr appliances in one place: BioFresh for long-term food freshness, wines maintained at the perfect serving or storing temperature, a generously-sized fridge, and the frost-free convenience of a NoFrost freezer.

Read more about the Side-by-Side concept on pages 20 - 23.



**Side  
by  
Side**

In order to prevent condensation between appliances with low temperatures (0 °C and colder) or strong temperature drops, such as a freezer and a fridge, side-by-side Liebherr appliances have a built-in heating element in the ceiling and/or side walls. This heating element is part of the refrigeration circuit and therefore does not affect the power consumption of the appliances. Different Liebherr models can easily be combined vertically and horizontally to form a multifunctional food storage centre. All appliances and kitchen furniture remain perfectly protected.

## Heated ceiling

The heated ceiling enables freezers with a niche height of 72 or 88 cm to be combined vertically with a fridge or wine cabinet to any niche height.



Example combination:  
Fridge IKBP 2760 +  
freezer IGN 1064

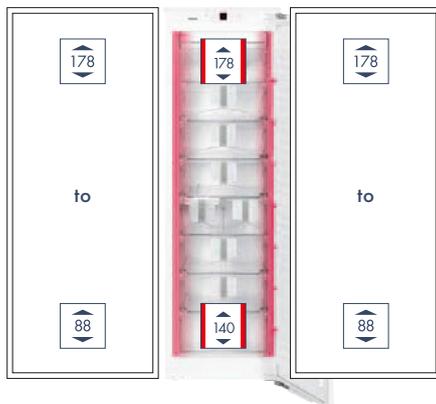
## Side-by-Side-Concept

### Side walls heated on both sides

The heated side walls make it possible to position S under-worktop appliances on both sides, and they even allow SIGN freezers with a niche height of 140 or 178 cm to be positioned at any niche height.



Example combination:  
BioFresh fridge  
IKBP 3560 +  
freezer SIGN 3576 +  
wine cabinet  
EWTdf 3553



### Heated ceiling and side walls

The heated ceiling and heated side walls allow the full-space SIBP 1650 BioFresh fridge to be combined upwards with appliances of any niche height. Double-sided combinations up to a niche height of 178 cm are possible.



Example combination:  
Fridge IKP 1660 +  
wine cabinet EWTdf 1653 +  
freezer IGN 1664 +  
full-space BioFresh fridge SIBP 1650



With Liebherr's SmartDevice technology you can enjoy the convenience of intelligent living. Discover the many advantages of being able to control your refrigerator or freezer from any place and at any time. Some Liebherr appliances come with the SmartDeviceBox already integrated, and all appliances that bear the 'SmartDevice' logotype can be easily retrofitted with a SmartDeviceBox. Registration occurs via the 'MyLiebherr' portal, and then your new refrigerator is all prepared for the future.



Smart Device

### Prerequisites

- SmartDevice-compatible appliances can be recognised by the SmartDevice label on the panel
- Wi-Fi with internet connection and a Wi-Fi compatible device, a free MyLiebherr portal account with an e-mail address, and agreement to the data privacy statement
- Mobile internet connection (costs may apply) for functions remotely operated using mobile devices
- The availability of functions may vary depending on the country



For more information, see [smartdevice.liebherr.com](http://smartdevice.liebherr.com)

### SmartHome

Enjoy greater convenience. You can control your Liebherr fridge while you are shopping and, for example, select the SuperCool function for the optimal storage of larger quantities of shopping. The SmartDevice also allows convenient voice control via Alexa and individual settings via IFTTT.



### SmartShopping

Keep an eye on what you have in your fridge by calling up the images from the two FridgeCams™ inside your fridge on your smartphone or tablet. This makes it easy to create stock and shopping lists, ensuring that you avoid making expensive double purchases and do not forget any ingredients.

### SmartCooking

Plan your meals at the touch of a button. The SmartDevice app provides access to more than 1,000 recipes. And if you are looking for recipe suggestions for what you have in stock, simply request suitable cooking and baking recipes. You can also find valuable hints and information about storage and nutrition in the app.



## Touch electronic controls



The stylish electronic control unit on Premium models ensures temperatures are accurately maintained, and the actual temperature is displayed on the LCD display. Innovative touch controls enable all functions to be easily set. The temperature in the fridges and freezer compartments can be read from the MagicEye.

## Push-button electronic controls



Easy to read and understand, the Comfort electronics maintain the selected temperature precisely. The current temperature is shown on the LCD display; the target temperature is shown on models without BioFresh. Settings are set at the touch of a button. The fridge temperature is read from the MagicEye.

## Safety features



The **FrostControl** display shows the warmest temperature reached in the freezer compartment during a power failure, so that the quality and further shelf life of the frozen food can be assessed.



To protect stored groceries, the door alarm outputs a warning if the door is open for 60 seconds.

The **temperature alarm**, which can be switched off, acts as an immediate visual and acoustic warning of temperature differences, e.g. if the door is left open or in the event of a power failure.



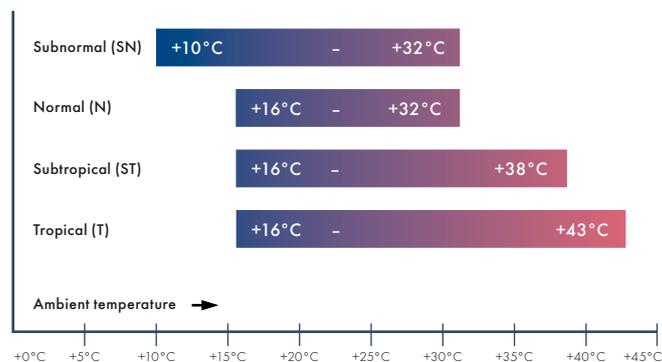
The child **safety function** can be set to prevent the appliance being switched off accidentally. An icon in the MagicEye shows if the child safety function is switched on.



The **HolidayMode** regulates the temperature to about +15°C. This saves energy and prevents unpleasant odours developing when the fridge is empty for lengthy periods. If the appliance has a freezer compartment, the programmed temperature is maintained.

## Climate ratings

The **climate rating** specifies the ambient temperature required for the optimum running of the fridge or freezer. The following climate ratings have been defined (according to DIN EN ISO 15502):



**SN-T**

Appliances with a **climate rating of SN-T** are therefore designed for use in **extreme ambient temperatures**, across the entire defined temperature range, +10°C to +43°C.

## Built-in appliances with décor panel



### Décor panel

On these appliances, a décor panel up to 4 mm thick, matching the kitchen furniture, is placed in the décor frame on the appliance door.

### Equaliser trims

If an existing décor panel is too small for a replacement appliance, it can be made to fit with equaliser trims that match the colour of the décor frame. Depending on the dimensions to be offset and visual considerations, one or two equaliser trims (top and/or bottom) can be used. The trims are available in three heights (16, 41 and 60 mm) and colours (brown, white and aluminium).

### Stainless steel front

As an alternative to traditional custom panels, the stainless steel front can be used to create a visual highlight in the kitchen. (for niches 88/122/178 and ECBN)

## Integrated built-in appliances

The appliances can be simply installed behind the unit door creating a visually uniform kitchen scheme. Note methods of unit door attachment:



### Door-on-door system

The furniture and appliance doors are firmly attached, with the furniture door fastened directly to the appliance door.



Built-in:  
Liebherr fixed door installation



### Door slider system

The furniture door is fastened onto the appliance door via sliding rails. When opened and closed, the furniture door slides along the rails.

Soft-closing is available as an accessory for the slider system to guarantee pleasingly gentle and quiet door closure and optimal ease of use.

## Niche dimensions



The dimensions for built-in appliances are standard sizes. The depth and width are standard sizes. The aperture dimensions provide information about the appliance size.

## Interchangeable door hinges



The appliances are factory-fitted with door hinges on the right. The ability to change the hinge side means the appliance can be positioned where needed. (Except ECBN 5066 and 6156)

## Door opening limiter



The factory-set door opening angle can be reduced from 115° to 90°. This protects the appliance door and/or kitchen unit front if the appliance is installed in a corner or against a wall. The limiting pin is available as an accessory.

## Mounting bracket for furniture door



The mounting bracket enables optimal height, width and depth alignment of the appliance doors with the furniture door.

## Four-point attachment



Top left

Top right



Bottom left

Bottom right

To install appliances in kitchen units in a secure and safe manner, Liebherr offers special four-point attachment as standard for all door-on-door appliances. The attachment points are conveniently concealed and the attachment brackets create a depth stop at the top and bottom. This depth restriction ensures that the appliance is correctly positioned in the kitchen unit. Specially selected, taller appliances for apertures of 140 cm and above also feature two height-adjustable positioning feet at the front.

## Insertion depth limiter



Top left

Top right



Bottom left

Bottom right

The insertion depth limiter ensures that the appliance is correctly positioned in the niche so that the door closes perfectly.

4 limiters on units with a unit thickness of 16 mm

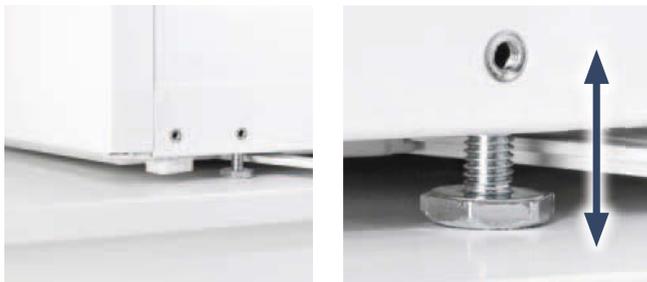
2 limiters on units with a unit thickness of 19 mm (no limiters on hinge side)

## Levelling bars



Taller appliances with a niche of 140cm or higher have two levelling bars on either side of the base. These allow perfect positioning of the appliance and prevent tilt, so that the door closes perfectly ensuring excellent refrigeration performance.

## Positioning feet



The height-adjustable positioning feet at the front are used to ensure the appliance is level.

## DuoCooling



With two independently controlled cooling circuits, DuoCooling controls the temperature in fridge-freezers with precision. There is no air exchange between the fridge and freezer compartments, odour transfer is prevented and stored food does not dry out.

 Technology:  
DuoCooling – Professional refrigeration with two separately adjustable cooling circuits

## Air intake and ventilation

To ensure that the refrigeration system is cooled and the appliance operates correctly, built-in appliances must be adequately ventilated. Depending on the model and the installation location:

- 1 Built-in appliances in non-ceiling height kitchen units. Front air intake in the plinth, venting via the back wall of the kitchen unit.
- 2 Built-in appliances in ceiling height kitchen units. Front air intake in the plinth, venting via ventilation slots at the top.
- 3 In the case of individual built-in appliances installed one above the other (Freshness Centre/SBS Concept, see pages 20-23) ventilation takes place as described in 1 and 2.
- 4 Built-in appliances with both air intake and venting at the front.
- 5 Under-worktop appliances with front air intake in the plinth. Venting via ventilation slots at the top.
- 6 Under-worktop appliances with both air intake and venting at the front.

**Please note:** All ventilation slots must be at least 200 cm<sup>2</sup>.



## Front-frame heater



The temperature difference between the external environment and the appliance interior can give rise to condensation. Liebherr freezers counteract this effect by feeding some of the heat extracted from the interior to designated areas, including the front-frame heater which prevents condensation around the door seal. The process is highly energy efficient as no additional energy is used.



Technology:  
The refrigeration circuit - how it works

## Drawers on roller tracks



Drawers on roller tracks can be easily opened and closed. The roller tracks can be detached for cleaning, and the drawer itself is very easy to clean because of its one-piece design.

## Drawers on telescopic rails



Premium appliances with a niche of 122cm and above have a large, fully transparent fruit and vegetable drawer set on high-quality, smooth-running telescopic rails. The drawer is light to use, even when fully stocked. It can be pulled out and removed from a door opening angle of 90°, and is extremely easy to clean because of its one-piece design.

## SoftSystem



The white SoftSystem mechanism is integrated in the door and cushions door closure, even if the door shelves are fully loaded. The door closes automatically from an opening angle of about 30°.



Feature: Liebherr SoftSystem for built-in appliances



# Fridges

## Outstanding freshness

### Correct food storage:

Liebherr fridges and freezers provide the perfect storage environment for food. Knowing where to store which products is key.

### In the fridge

Cheese, dairy products,  
prepared foods  
(covered)

Meat, fish,  
sausages

Fruit and vegetables



Butter

Preserves,  
sauces,  
tubes

Drinks

### In a multi-zone appliance

**Fridge compartment:**  
Refrigerate food

**DrySafe:**  
Fish, meat,  
dairy products

**Fruit & Vegetable-Safe:**  
Fruit and vegetables

**IceMaker:**  
Fully-automatic ice production

**Freezer compartment:**  
Freeze food,  
store frozen goods



## Unilateral LED lighting column



Premium appliances come with an LED lighting column. This incorporates multiple LEDs, which evenly illuminate the appliance interior. The special satin-finish on the lighting cover and soft brightening of the lights on opening give an elegant, high-class lighting ambience. The lighting column enables users to variably position the glass shelves.

## LED lighting unit



All Comfort appliances have lateral LED interior lighting. Flush integration guarantees a greater net storage capacity. Central positioning provides optimal illumination for the entire fridge compartment.

## LED lighting columns



Premium models with BioFresh feature two integrated lighting columns. Each incorporates multiple LEDs, which evenly illuminate the appliance interior. The special satin-finish on the lighting cover and soft brightening of the lights on opening give an elegant, high-class lighting ambience. The lighting columns enable users to variably position the glass shelves. In Comfort models with BioFresh, the LED lighting is integrated into the side of the inner container.

## LED BioFresh lighting



In Premium models, the BioFresh drawers come with central LED lighting giving a perfect view of stored food. The LEDs are integrated into the divider and illuminate the extended BioFresh drawers, evenly and brightly, from directly above.

## LED lighting for fruit and vegetable bins



On all Premium models, BioCool-Boxes feature additional LED lighting for an even better view of the stored food. This stylish lighting is flush-integrated into the side wall.

## BioFresh



Bio  
Fresh

The BioFresh safes guarantee the perfect climate for extremely long and enjoyable freshness. Fruit and vegetables, meat, fish and dairy products retain their healthy vitamins, delicate aroma and appetising appearance considerably longer at a temperature of slightly above 0 °C and in perfect humidity than in a conventional fridge compartment. The DrySafe with its low humidity is ideal for storing meat, fish and dairy products. The Fruit & Vegetable safe was specifically developed for storing unpackaged fruit and vegetables. The safes are easy to pull out and remove even at a door opening angle of 90°.



To find out more about BioFresh:  
[biofresh.liebherr.com](http://biofresh.liebherr.com).



### BioFresh App

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



Technology:  
BioFresh - The technology for perfect quality and freshness

## Fruit & Vegetable-Safe



Incremental settings make it possible to effectively prevent the escape of humidity from the Fruit & Vegetable safe. This means that fruit and vegetables maintain their own moisture for longer and also stay fresh and crisp even without packaging. With the setting for low humidity it can also be used as an additional DrySafe – for meat, fish and dairy products. The humidity in the Fruit & Vegetable safe depends on the moisture content of the refrigerated goods and on how often it is opened. Humidity can be adjusted incrementally.



The **DrySafe** with its low humidity is ideal for storing meat, fish and dairy products



Fruit and vegetables without packaging keep fresh for much longer in the high humidity of the Fruit & Vegetable safe than in conventional fridge compartments. It can also be used as a DrySafe if necessary.

## Full space BioFresh



All the safes of the full-space BioFresh fridge SIBP 1650 can be set to "Dry" or "Hydro" by means of the precise push-button electronic controls.



## SoftTelescopic



BioFresh drawers and pull-out drawers with SoftTelescopic, a highly practical self-retracting, soft closing feature, which makes daily use convenient and secure. They are fully extendible and removable from a door opening angle of 90°. (Model specific)



Feature: Liebherr SoftTelescopic

## FlexSystem



The practical FlexSystem for BioFresh and BioCool drawers provides flexible, organised and clear food storage. For example, fruit and vegetables can be kept separated or foods can be stored according to their use-by-date. All components of the sturdy FlexSystem are easy to clean and dishwasher safe.

## VarioSpace



The BioFresh drawers and intervening safety glass shelves in the full BioFresh SIBP 1650 fridge can be conveniently removed to create VarioSpace - our practical concept for extra storage space.

## BioCool



The BioCool-Box allows regulation of the humidity level within the fridge compartment so that food stays fresh for longer. The humidity level is regulated via two slide controls. The BioCool-Box is positioned on smooth-running telescopic rails or roller tracks; it is convenient to use and ensures that stored food can be clearly viewed.



Premium models feature a BioCool box on telescopic rails



BioCool-Box on roller tracks in Comfort models

## PowerCooling-System



The high-performance PowerCooling system ensures that newly stored produce is quickly cooled and an even temperature is maintained throughout the interior. A door contact switch turns off the fan when the door is opened, saving energy.

## Automatic SuperCool function



The automatic SuperCool function lowers the fridge temperature down to +2°C for up to 12 hours. Ideally activate before going shopping to rapidly cool large amounts of freshly stored food.

## 4-star freezer compartment



The 4-star freezer compartment is designed to freeze fresh food and store it for long periods. Temperatures of  $-18^{\circ}\text{C}$  and lower ensure that nutritional content is preserved during storage.

## GlassLine interior



Stylish GlassLine fittings, made from safety glass, add the finishing touch to the high quality, elegant appliance interiors. These shelves are shatter-proof, scratch-resistant and easy to clean. Stainless steel rails and edging complete the stylish design. A divisible glass shelf, with one side that slides underneath the other, gives highly versatile use.



Feature: Liebherr GlassLine

## SafetyGlass



Liebherr uses specially produced safety glass as per DIN 1249 for its GlassLine storage shelves in fridges. The high-quality processing of the safety glass ensures a high load-bearing capacity. The safety glass is also extremely shatter-proof and easy to clean.

## Dividing storage shelf



The dividing glass shelf that can be pushed underneath provides even greater flexibility for storing groceries and tall containers. All GlassLine safety glass storage shelves can be used at different heights as required.

## Premium GlassLine storage racks with VarioBoxes



The door storage racks of the Premium models feature safety glass bottoms with a satin finish, perfectly shaped plastic edges, stainless steel profiles and a shelf for bottles and preserves with a variably adjustable bottle holder that holds bottles securely. All storage racks are height-adjustable.

The two pull-out VarioBoxes make it easier to sort and store small-sized groceries and provide a clear overview. The pull-out stop allows goods to be removed safely.

## Comfort GlassLine storage racks



Comfort models are fitted with the Comfort GlassLine, high-quality glass fittings for the inside of the door. The storage racks for preserves and bottles have a safety-glass bottom with a satin finish and an elegant plastic frame with an adjustable bottle holder that holds bottles securely. The storage racks are height-adjustable.

## Versatile bottle shelf



The versatile bottle shelf is an innovative feature in all BioFresh Premium models. Its use can be modified by positioning the glass shelf beneath it to create storage for tubs or dishes.

## Bottle shelf



The bottle shelf is a practical way to store drinks, providing space-efficient storage for up to five bottles.

## Bottle basket



The two removable bottle baskets in the IKF 3510 built-in fridge offer plenty of space for bottles (up to 1.5l) and drinks cartons. The baskets feature an integrated handle for easy transport and adjustable bottle holders for secure storage.



If the bottle baskets are removed, the pull-out shelf offers enough space to hold a standard size drinks crate. The pull-out shelf is set on smooth-running telescopic rails, making it easy to access larger stocks of chilled drinks.

## VarioSafe



The VarioSafe provides clarity and creates order. It is the ideal place for smaller groceries, tubes and jars. The safe can be inserted at various heights along the two-sided light column. A second insertion level is available if necessary, so the VarioSafe can be filled to an even higher level.

## Butter dish

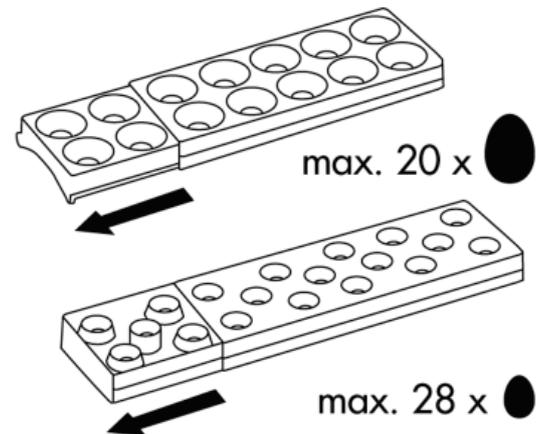


The stylish butter dish has been designed with a view to one-handed operation – it is easy to remove, as it can be lifted from the fridge by its cover, and it opens easily. Its carefully considered proportions allow it to accommodate varying butter sizes. It is shatterproof and dishwasher-safe, and fits all Liebherr storage mountings.

## Egg storage tray



The versatile egg storage tray is fully removable and its capacity can be adjusted to securely accommodate between 10 and 20 hens' eggs, or up to 28 quails' eggs if it is inverted. It allows eggs to be stored with their more pointed side facing downwards, which increases their storage life.



## Inner liner



The interior container of these fridges is characterised by two elegant support columns in the front and back on both sides. They enable highly flexible adjustment of the glass shelves. Another advantage is the smooth and easy-to-clean surface of the compartment liner.

## Fully extendable pull-out drawer



IKBV cellar compartment models come with a fully extendible, pull-out drawer for storing food and bottles on two levels. IKBV models benefit from SoftTelescopic - highly-convenient, self-retracting drawers with a soft closing mechanism. The bottle basket is fitted with handles and is removable. The cellar compartment temperature can be regulated separately from the fridge compartment to between +6°C and +14°C, and has its own SuperCool function for quickly cooling newly stored food (not available in the UK).



The cellar compartment is an ideal alternative to a pantry for foods which are sensitive to cold, such as potatoes or onions.

Drinks, preserves and mustards can also be optimally stored thanks to the separately controllable temperature of +6°C to +14°C.



## Freezers

### Innovative freezing

Bringing together sophistication, convenience and the latest refrigeration technology, Liebherr appliances deliver professional-quality performance.

Due to the use of the latest electronic control systems and optimally coordinated cooling components, NoFrost freezers from Liebherr are not just super economical in terms of energy consumption, they also offer professional refrigeration technology and no-more-defrosting convenience.

The temperature in Liebherr freezers is kept constant, so that frozen food is not subjected to any fluctuations. If a temperature increase does happen, for instance because of a power failure, a signal tone will indicate this. The status display with blue and red light in BluPerformance models also indicates whether the appliance is running flawlessly, even while the door is closed.

## NoFrost



Liebherr's NoFrost technology delivers reliable, professional-quality, long-term food storage. Chilled circulating air freezes the food and humidity is expelled, so the freezer is free of ice and food never frosts over. NoFrost means no more defrosting.



To find out more about  
NoFrost: [nofrost.liebherr.com](http://nofrost.liebherr.com).



Technology:  
NoFrost - No more defrosting

## SmartFrost



SmartFrost vastly reduces ice formation in the interior and on frozen foods, defrosting is required far less often. The interior walls are smooth and easy to clean.



Technology:  
SmartFrost - rare defrosting

## VarioSpace



The drawers and underlying safety glass intermediate floors can be removed conveniently in all fridge-freezers and freezers. The result is VarioSpace - the practical system for extra storage space. This means that even larger frozen food items can quickly find a place.

## Vario energy-saving panel



If not all of the interior space is needed for storage, unused drawers can be switched off with the Vario energy-saving panel available as an accessory. This can further reduce energy consumption by up to 30 percent.

## FrostSafe



On FrostSafe appliances, the extra-deep, removable drawers are fully enclosed, preventing cold from escaping when the appliance door is opened. The transparent drawer fronts provide an optimal view of the food inside.

## Automatic SuperFrost function



The automatic SuperFrost function is a quick and energy-saving way to freeze groceries. It quickly lowers the temperature to the maximum cooling capacity and thus creates the cold reserve needed to preserve vitamins when freezing food. As soon as the freezing process is completed, the automatic SuperFrost function returns to normal mode after a maximum of 65 hours and thus saves electricity. In SmartDevice-capable appliances, the function can also be activated conveniently from the supermarket via the app.

## Freezer drawers on telescopic rails



The transparent freezer drawers on telescopic rails are easy to access and use even when filled with heavy contents. They ensure both great visibility and optimum storage. The FrostSafe fully enclosed drawers prevent cold from escaping, thereby contributing to energy-efficient operation.

## Freezer drawers on roller tracks



The extra deep freezer drawers on roller tracks can be easily pulled out even when full. The transparent design makes it exceptionally easy to view their contents and the drawers are easy to remove and clean.

## Plumbed-in IceMaker



The plumbed-in IceMaker (3/4" connection) supplies high-class ice cubes for all occasions - providing up to 1.5 kg of ice cubes in 24 hours (model specific). Whether for a refreshing drink or a big party - the two drawers store all the ice cubes you'll need. Thanks to the TwistTray system, mechanically dispensing ice cubes, the cubes no longer stick together in the collection tray, so they have a great, even shape. In addition, ice cube size can be set.

## IceMaker with water tank



The IceMaker with a 1.2 litre water tank is the ideal way to ensure that you have quality ice cubes if mains water quality is poor or if there is no plumbed-in connection. A convenient handle on the water tank means it is easily removed for refilling. Benefitting from the TwistTray system, mechanically dispensing ice cubes, the cubes no longer stick together in the collection tray, so they have a great, even shape. In addition, ice cube size can be set.

## TwistTray

The TwistTray concept involves the ejection of ice cubes from the ice cube tray via a mechanical twisting action. The ice cubes have a delightfully uniform shape and a beautiful appearance. Ice cube size can be adjusted.

## Water filter



The integrated water filter means ice cubes are made with perfect quality water. Electronic controls indicate when the water filter needs replacing.

## Grille shelf



The grille shelf can be optionally inserted to optimise use of the interior space; it provides a better view of the frozen food and easier access to it.

## Ice cube tray with lid



The large, lidded ice cube tray is easy to refill with water thanks to its convenient filling hole and, because the lid seals thoroughly, the newly refilled tray can be transported safely back to the freezer without spillage.

## Cold storage accumulator



In the event of a power failure, the integrated cold storage accumulator provides an additional 'cold reserve' to prevent the freezer temperature from rising for up to 40 hours, protecting the frozen food. The cold storage accumulator is standard to Premium models and also available as an accessory.

## LED lighting for freezer drawers



LED

In the Premium range of built-in fridge-freezers, the freezer compartment also has LED lighting. An LED light strip is positioned above the freezer drawers to illuminate the pulled-out transparent drawers and provide an even better view of the stored groceries.

## LED lighting for freezers



LED

The innovative LED lighting in (S)IGN models is positioned above the drawers to save space. It provides the best overview of the groceries and ensures that the pulled-out freezer drawers are perfectly illuminated.

## Special fittings for under-worktop models

Under-worktop appliances from Liebherr are available as build-in and panel ready models.

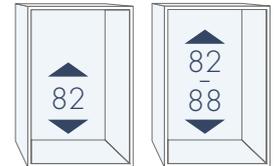
The fridge-freezer can be integrated under the worktop and behind the custom panel of the surrounding furniture, which creates a visually uniform kitchen front.

The appliance door and the custom panel are firmly attached to each other by means of the door-on-door system.

Ventilation is provided via the appliance plinth, so there is no need to provide ventilation grilles in the worktop. The Vario plinth allows the appliance to be adapted to the height and depth of the kitchen furniture. The models UIKo 1560 and UIKo 1550 are equipped with a pull-out drawer.

Highly flexible, modular installation, even for under-worktop appliances, thanks to the side wall heaters on both sides for SUIG/SUIGN and SUIB 1550

Built-Under



## Push-button electronic controls



The convenient push-button electronic controls ensure that the selected temperature is precisely maintained. The MagicEye indicates the target temperature by means of LEDs.

## LED lighting



The side lighting provides delightful, bright lighting that evenly illuminates the entire interior.



Additional LED ceiling lighting (for UIK and UIKo)

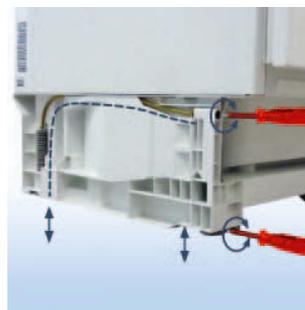


## Forced air ventilation



Air for cooling the compressor enters/exits from the front of the appliance, either at the plinth or at the top edge of the appliance (depending on the model). The advantage is that no ventilation grill is needed in the worktop, making installation easier and retaining the kitchen's attractive finish.

## Vario plinth



The Vario plinth can be adapted to the height and depth of the kitchen units. All four positioning feet can be adjusted by up to 50 mm from the front. The ventilation grill can also be moved by up to 55 mm to match the front of the kitchen units.

## Replaceable door seal



The replaceable door seal supports the safe storage of groceries. Designed to visually match the colour of the door or housing, it is easy to plug in, clean and replace, and thus ensures perfect hygiene. For all UIK(P), SUiB, UIKo models, not Decor models

## GlassLine shelves



Stylish GlassLine fittings, made from safety glass, add the finishing touch to the high quality, elegant appliance interiors. One half of the divisible glass shelf can slide underneath the other to provide versatility for food storage, it can be positioned at different heights.

## Comfort GlassLine storage racks



Comfort models are fitted with the Comfort GlassLine, high-quality glass fittings for the inside of the door. The storage racks for preserves and bottles have a safety-glass bottom with a satin finish and an elegant plastic frame with an adjustable bottle holder that holds bottles securely. The storage racks in the inner door are height-adjustable.

## Premium GlassLine storage racks



The deep storage racks of the UIKP models offer plenty of space for groceries. Especially in under-worktop appliances, they make goods easier to see and access and thus offer a great ergonomic advantage. The practical drawer in the interior is also ideal for storing small-sized groceries. All Premium UIKP models are also equipped with a VarioBox.

## Side-by-Side



Practical solution as a build-in side-by-side fridge-freezer. UIKP 1550 and UIK 1510 are suitable for side-by-side combination with the SUIGN 1554 and SUIG 1514 under-worktop freezers as well as the SUIB 1550 full-space under-worktop BioFresh fridge.

## Pull-out drawer in UIKo models



Groceries can be stored safely and in an ideally accessible way on the smooth-running Glasline pull-out shelves and in the pull-out drawer with full extension. The practical and flexible separators make it easier to sort and see the stored groceries. The pull-out drawer is equipped with SoftTelescopic, a convenient and safe self-closing mechanism with a gentle soft-stop mechanism.

## SoftTelescopic



The pull-out drawer with SoftTelescopic has a convenient self-closing mechanism with a gentle soft-stop mechanism that makes it practical and safe for daily use.

## LiftUp-Box



The LiftUp-Box in the UIKo 1560 makes it possible to make perfect use of the storage space under the pull-out drawer. It is ergonomically attached, easy to take out and can hold up to 4 kg. When pulled out, the LiftUp-Box pushes up out of the base recess, allowing groceries to be removed easily.

## Bottle holders



If more space is required for drinks, the UIKo 1560/1550 can be equipped with removable bottle holders (optional accessories)\*. They offer plenty of space for bottles (up to 1.5 l) and beverage packs. The integrated handle facilitates transport, and the adjustable holders provide a secure hold for the bottles.

\*In exchange for an extendible storage shelf.

## 4-star freezer compartment



The door of the 4-star freezer compartment in UIK/UIKP models folds forward when opened and thus serves as a practical storage shelf during the removal or storage of frozen food. The UIKP 1554 is also equipped with an easy-to-clean tray, which provides an excellent overview and makes its contents particularly easy to remove.

## Bottom tray



The tray inserted in the floor recess of the SUIGN 1554 and SUIB 1550 makes it possible to make optimum use of the lower space in the appliance. It is easy to remove and, with a usable volume of approx. 4 litres, it offers sufficient space for smaller goods.

## Drawers on roller tracks in freezer compartments

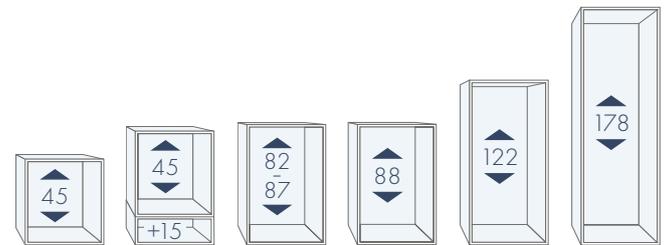


In the SUIGN 1554, 2 of the 3 freezer drawers are roller-guided. This means they can be pulled out easily even when fully loaded. Due to their transparent design, all the shelves provide an excellent overview and are easy to remove and clean.

## The perfect range for wine connoisseurs

A good wine can only develop into a truly fine wine, and retain its quality long-term, under perfect conditions. Liebherr's wine storage cabinets and multi-temperature wine cabinets are the perfect answer. Using the most advanced climate technology they create the perfect conditions needed for wines to quietly mature and develop their flavour to the full.

Fitted with cutting edge electronics, expedient compressors and many specially designed features (such as an activated charcoal filter and insulated, UV-resistant glass doors), these appliances are tailor-made for wine storage.



## Wine Cabinets



Learn more about the topic of wine in the **Liebherr FreshMag** under "Wine & Appreciation" and at [wein.liebherr.com](http://wein.liebherr.com)

## Vinidor range

Offering two wine zones in which the temperatures can be individually set to between +5°C and +20°C, the Vinidor range offers great flexibility. For example, both red and white wine can be stored at the same time – both at their optimal serving temperature. These appliances offer the best climate conditions for long-term wine storage. And the different sizing of the temperature zones, combined with fully flexible temperature control, make them suitable for any wine collection.



## GrandCru range

Wine storage cabinets offer similar conditions to a wine cellar, making them the ideal choice for both long-term storage and storage of large wine stocks at a perfect serving temperature. The temperature can be adjusted from +5°C to +20°C being even and constant throughout the entire cabinet.



## Door assembly



### Tailor-made decorative frame

The appliance can be fitted with an individual frame. The décor frame can be custom-made by a carpenter, for example, and thus offers a suitable solution for every kitchen. Rough and cut edges can be covered with the aluminium profile frame (optional accessories).



### Stainless steel frame

The premium-quality, stainless steel frame with handle is easy to attach and enables all EWT models with décor panel to be elegantly integrated into any kitchen. The robust aluminium handle (stainless steel look) helps you to open the door with little effort. Available in a set as an accessory.



### Glass front

Featuring frameless glass fronts in either cool white or elegant black, Liebherr's Glass Edition appliances are a spectacular addition to any kitchen. The glass is scratch resistant and extremely easy to clean. TipOpen technology provides handle-free opening and allows you to enjoy the full visual impact of the glass front.



## Accurate temperature control



For wine to optimally mature, a constant temperature is essential. The ideal maturing temperature for all wines, whether red or white, is between +10°C and +12°C. Precision electronic controls and advanced climate technology guarantee a constant interior temperature at all times, even with major fluctuations in the ambient temperature. For tailored storage of wine collections the wine storage cabinets in the Vinidor models can be set to between +5°C and +20°C.

## Touch control electronics



Innovative touch electronics with LCD display ensure that the selected temperatures are accurately maintained in the independent temperature zones. The digital display shows the temperature to the nearest degree. All functions can be simply operated by touch. Door and temperature alarms warn of any irregularities, e.g. the door is left open. The child safety function prevents accidental adjustment of the settings.

## Electronic control



The precise electronic controls have a digital temperature display. Door and temperature alarms warn both visually and acoustically of any irregularities, e.g. the door is left open. The child safety function protects from inadvertent adjustment of the control panel.

## LED lighting



Each temperature zone has LED lighting to pleasantly and evenly illuminate the interior. On the glass-door appliances, the LED lighting can be dimmed or switched off. Because LEDs generate minimal heat, it is possible to illuminate and beautifully present wines for extended periods.

## FreshAir activated charcoal filter



During prolonged storage, wines can be adversely affected by environmental odours. Optimum air quality is guaranteed in Liebherr wine cabinets thanks to the easy-to-replace FreshAir activated charcoal filter, which purifies incoming air.

## UV protection



Most wine bottles are tinted as UV light prevents wine maturing properly. However, the bottle alone will not provide enough protection, and to minimise the effects of UV rays, Liebherr wine cabinets are fitted with UV-resistant insulated glass. Your wine collection is both well protected and stylishly presented.

## Ideal humidity



When storing wines, the correct humidity is essential as it ensures that corks remain supple and do not dry out. To keep corks as moist as possible from the inside, wine bottles should be stored lying down. With a humidity level of over 50%, Liebherr wine cabinets provide optimum conditions. Humidity within the wine cabinets can be regulated using the ventilation button.

## Handle



The elegant, ergonomic stainless steel bar handle makes opening the door quick and effortless.

## Lock



A flush-integrated lock prevents unwanted access to the wines.

## SoftSystem



The SoftSystem closing mechanism provides greater safety and ease-of-use. Integrated into the door, it cushions movement when the door is closed. The door will close automatically on reaching an opening angle of approximately 45°.

## Wooden pull-out shelves on telescopic rails



Vinidor appliances come with wooden shelves on telescopic rails. These handcrafted shelves, made from untreated wood, are perfect for safely storing Bordeaux bottles, providing a clear overview and making access easy.

## Bottle holder



The bottle holder, in the UWKes 1752, enables the creation of multiple-row storage to maximise the wine cabinet's storage capacity.

## Wooden pull-out shelves



The hand-crafted wooden shelves are specially designed for safely storing Bordeaux bottles.

## Clip-on labelling



Flexible clip-on labelling provides a quick, organised overview of the wine collection.

## Presentation shelf



The presentation shelf (EWT models) is ideal for showcasing fine wines and keeps opened bottles at the perfect temperature. In glass door models, the presentation shelf is hinged. In models with a décor panel, it is not.

## Low vibration



Specially developed, low vibration compressors are fitted in all wine cabinets to give a protected storage environment.

## Accessories drawer



White glass



Black glass



Stainless steel

The smooth-running drawer for accessories (including a 2-part loose storage tray for 6 wine glasses and sommelier accessories) allows accessories to be stored directly under the model WKE 5 wine storage cabinets. Thereby expands the 45 cm niche to a 60 cm niche. Available in white glass (9901 086-00), black glass (9901 085-00) and stainless steel (9901 084-00).

## TipOpen



Liebherr's innovative TipOpen technology is the perfect answer for handle-free kitchen design. When lightly tapped, the glass door opens 7 cm, facilitating further opening. If the door is not opened further within three seconds, the door will self close.



Technology:

The UWT 1682 multi-temperature wine cabinet with innovative TipOpen technology

## Handle-less glass door



The full-surface insulated glass door has been innovatively designed to integrate perfectly into handle-free kitchens. It looks great and is very easy to keep clean.

## Replaceable door seal



The replaceable door seal on all glass door, under-worktop wine cabinets is easily fitted, cleaned and replaced, and thereby facilitates optimum hygiene as well as safe storage and maximised climate provision for stored wines.

## Concealed door hinge with restricted opening



The door hinge is integrated into the door end piece to maintain the overall pristine appearance of the appliance. Furthermore, the door opening angle of all wine appliances is restricted to 115° to prevent damage to the door and to adjacent kitchen units. For appliances with SoftSystem closing, the restricted opening angle can be reduced to 90°, which ensures a perfect installation.

## Dust filter



The integrated dust filter prevents the build-up of dirt on the motor compartment preventing any reduction in the appliance's cooling performance. The upstream ventilation grids are easy to remove so the dust filter can be conveniently cleaned with a vacuum cleaner.

We recommend that this should be done at least once a year.

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