Freezers for the frozen food and ice-cream industries 2017

LIEBHERR

Quality, Design and Innovation

Highly efficient and economical: Liebherr freezers

Continuous operation in professional applications puts special demands on freezers for the frozen food and ice cream industry. That is why Liebherr takes great care in the development of these appliances to meet your customer requirements with high quality and innovative ideas. High-insulating materials, in conjunction with highly efficient compressors, efficient refrigerants, and well-balanced refrigeration components as well as precision electronic control systems, ensure outstanding refrigeration capacity – even in extreme conditions. In addition, the appliances are easy to clean and very economical in consumption. Company and product brands can be used to stimulate impulse buying. Liebherr offers a wide range of models for almost any application, always featuring premium quality and top design. You can rely on Liebherr professional appliances – 24 hours a day, 365 days a year.

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Good reasons
to choose Liebherr

Highest performance

Liebherr freezers for the frozen food and ice cream industries provide full refrigerating capacity even in extreme climate conditions. The use of ultra-modern components, efficient and environmentally friendly refrigerants as well as precision controls ensure that product quality and freshness is preserved – and the appliances are always efficient.

Efficiency

Liebherr freezers operate extremely economically: highly efficient compressors, a precision electronic control system as well as highly effective insulation in conjunction with the environmentally friendly and CFC free refrigerants R 290 and R 600a all go to ensure low power consumption and low operating costs. The high quality of the virtually maintenance-free and service-friendly appliances guarantees long life and reliable operation.

Robust quality

Liebherr appliances are specially constructed for intensive professional use and feature a very sturdy design – with highest-quality materials and perfect workmanship right down to the smallest detail. The quality of the appliances is ensured by elaborate tests. All electronic and refrigeration components are well-balanced to ensure maximum functionality and efficiency – including an attractive design.

Easy cleaning

Hygiene plays an especially important role in the commercial sector. That is why Liebherr upright freezers are equipped with moulded inner liners with large radii that are easy to clean. Height-adjustable wire shelves enable individual adaptation to different packaging types or products. Depending on the model, castors or adjustable legs also allow easy cleaning of the floor space underneath the appliances.

Product presentation

Attractive product presentation is the best sales support at the point of sale. In Liebherr freezers products are always stored optimally, are within easy reach – and stimulate buying. Large, smooth-running sliding glass lids as well as effective interior lighting enable perfect product display. Excellent product visibility is ensured by the high load line height. Sturdy baskets and adjustable shelves allow perfect adaptation of the storage space to the products stored.

Easy servicing

Liebherr freezers are designed for easy servicing: the generously radiused corners on the moulded inner liners as well as easily removable shelves enable perfect hygiene and save a lot of time. In addition, Liebherr appliances are virtually maintenance-free and very easy to use thanks to their sophisticated concept. All components requiring regular servicing are designed for easy access.

Increase awareness
of your brand

Liebherr offers many individual and impressive branding options for freezers. You can choose between various methods and different models. Upon request we can develop customised appliance concepts to meet your specific brand requirements.

Customised vinyls

Depending on the quantity and motif, the desired brand is applied on a suitable vinyl sticker, usually PC film, in a screen printing or digital printing process. Vinyl stickers can be applied by Liebherr in the factory.

Display/side wall/door colours

Customised colour design enables eye-catching presentation of your brand and extremely attractive product display. Different materials and effects can be used to individually design the side walls, the door frames, the handle, the base compartment, the display frame and the inner liner according to customer specifications.

LED logo

An individual motif can be engraved and illuminated with LEDs between the two panes of glass door. The effect is impressive – the motif is showed off brilliantly.
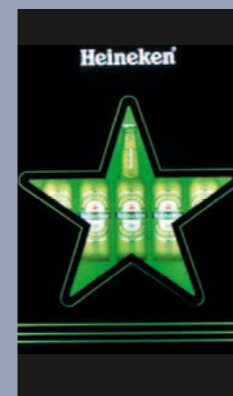
Customised colour design

Customised colour design enables eye-catching presentation of your brand and extremely attractive product display. Different materials and effects can be used to individually design the side walls, the door frames, the handle, the base compartment, the display frame and the inner liner according to customer specifications.

3D brand

3D brands give an appliance exceptional appeal and open up completely new possibilities for using images creatively. A special method enables the production of high-quality decals using 3D printing (lenticular method). In addition, we work with different printing levels and layers on the glazing which produce a 3D effect when combined with the right lighting from behind. This way every appliance stands out individually and stimulates impulse buying.
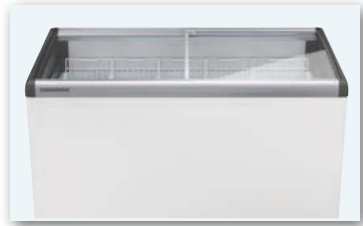
3D effect   Lenticular method

The advantages at a glance

Sturdy suspended baskets provide a clear view of the goods presented.

The **aluminium inner liner** with rounded corners is easy to clean, rust-free, scratch-resistant, enables perfect hygiene and features good thermal conductivity.

The **hot-gas frame heater** prevents condensation on the glass lids, provides a clear view of the products inside the chest and supports optimum product presentation.

The **multi-part frame** features an attractive and contemporary design. The radiused corners provide stability and guarantee customer safety.

High-performance insulation ensures that temperatures remain even and reduces energy consumption.

The **sheet steel housing** is extremely robust and resistant to impact damage.

ROHS and **WEEE conformity** by using environmentally friendly materials combined with optimal recyclability.

Sturdy swivel castors make it easier to move the appliance and allow convenient cleaning underneath the appliance.

The optional energy-efficient LED interior light creates a powerful visual impact by highlighting the products on display. A lid lock is optionally available.

The **toughened, single-pane safety glass** is shatter-proof, resilient and stabilises the upper area of the chest. Good product visibility is ensured by reduced heat radiation. The lid can be removed for easy handling and cleaning.

The **sturdy lid** can be easily opened and closed – with a minimum of effort.

Adjustable temperature range between -10°C and -24°C to suit individual needs.

Analogue temperature display tells the user the actual internal temperature at the load line.

The **cooling condenser** is embedded in the foam insulation all the way round the outer skin, which reduces vibration and makes the appliance quiet in operation. Condensation is stopped from forming on the housing; the outer skin is easy to clean – for perfect hygiene.

The **coloured compressor compartment cover** is matched in shape and colour to the frame.

The **natural refrigerants R 290** and **R 600a** are CFC free, environmentally friendly and, in conjunction with highly efficient compressors, very energy-efficient.

GTI 4153

Quality right down to the smallest detail

Liebherr chest freezers are specially designed to meet extreme requirements and withstand high stress in professional applications. Sturdy materials, high-quality refrigeration components and quality workmanship guarantee long life. High-impact product presentation in the chest freezers is ensured by sturdy baskets and sliding glass lids which provide a clear view. In the wide range of sales chest freezers, you will find the right appliance with suitable features for every requirement.

Easy-glide glass lids.
The sliding glass lid on GTI chest freezers is made of tempered safety glass. The frame has an integrated hot-gas heater so that the two lid sections run smoothly when opened and closed.

Insulated sliding lid.
The solid lids on the GTE ..00 models are extremely robust thanks to the composite aluminium and rigid PVC cover. The top is protected with a scratch-resistant aluminium worktop. A lid lock is available as an accessory.

Maximised total display area.
The slim yet highly durable plastic and aluminium frame provides the greatest possible surface area for displaying merchandise. This means that customers have the best possible view of the freezer's contents and product presentation is optimised.
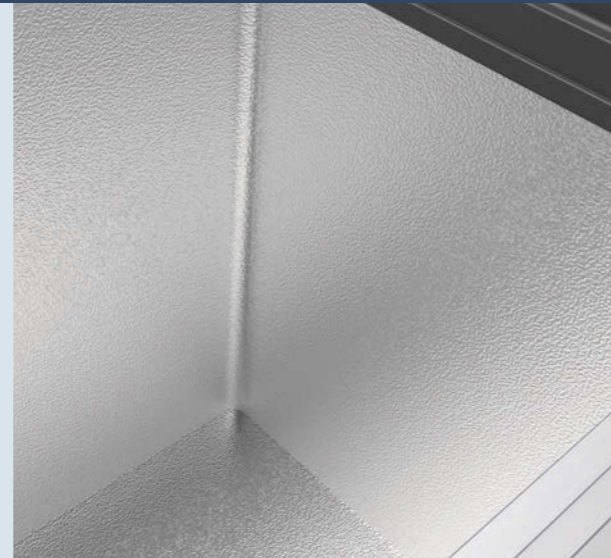
Tough construction.
The multi-part plastic and aluminium frame with radiused corners ensures optimum stability.

High-impact product presentation.
GTE..52 / GTI ice-cream chest freezers are fitted with a LED interior light that can be switched on separately. The glare-free light is horizontally integrated into the front of the inner liner. Sturdy baskets are available in different sizes for impulse and bulk ice cream. They can be flexibly arranged to ensure optimum use of the interior. Practical partitions for this purpose are available as an accessory.

Easy-care aluminium inner liner.
The aluminium inner liner with rounded corners is easy to clean, rust-free and scratch-resistant. Thanks to the aluminium material, it possesses outstanding thermal conductivity.

Quieter thanks to outer skin condenser.
Thanks to the foamed in outer skin condenser, the ice-cream chest freezers are virtually maintenance-free – and the housing is easy to clean. In addition, condensation water does not form on the outside.

Sturdy swivel castors.
When freezers need to be repositioned regularly, robust swivel castors provide practical mobility. All GTE / GTI models are fitted with high-quality rubberised 50 mm swivel castors.

Impuls sales chest freezers	GTI 5853 LED	GTI 4953 LED	GTI 4153 LED	GTI 3353 LED	GTI 2553 LED	GTI 1753 LED
Total gross / net capacity	578 / 430 litre	495 / 367 litre	413 / 304 litre	330 / 241 litre	247 / 178 litre	164 / 115 litre
Exterior dimensions in mm (w/d/h)	1675 / 661 / 913	1465 / 661 / 913	1255 / 661 / 913	1045 / 661 / 913	835 / 661 / 913	625 / 661 / 913
Interior dimensions in mm (w/d/h)	1550 / 535 / 560	1340 / 535 / 560	1130 / 535 / 560	920 / 535 / 560	710 / 535 / 560	500 / 535 / 560
Total display area in m² (TDA)	0,91	0,79	0,67	0,54	0,42	0,30
Energy consumption in 365 days [1]	1678 kWh	1351 kWh	803 kWh	694 kWh	656 kWh	595 kWh
Climate rating	4	4	4	4	4	4
Refrigerant	R 290	R 290	R 290	R 600a	R 600a	R 600a
Sound power level	52 dB(A)	52 dB(A)	42 dB(A)	42 dB(A)	42 dB(A)	42 dB(A)
Connection rating	2.0 A / 240 W	2.0 A / 240 W	2.0 A / 200 W	1.0 A / 150 W	1.0 A / 150 W	1.0 A / 130 W
Frequency / voltage	50 Hz / 220–240V~	50 Hz / 220–240V~	50 Hz / 220–240V~	50 Hz / 220–240V~	50 Hz / 220–240V~	50 Hz / 220–240V~
Cooling system	static	static	static	static	static	static
Defrost	manual	manual	manual	manual	manual	manual
Temperature range	−10°C to −24°C	−10°C to −24°C	−10°C to −24°C	−10°C to −24°C	−10°C to −24°C	−10°C to −24°C
Door / lid material	sliding glass lid	sliding glass lid	sliding glass lid	sliding glass lid	sliding glass lid	sliding glass lid
External cabinet finish	steel / white	steel / white	steel / white	steel / white	steel / white	steel / white
Internal liner material	aluminium	aluminium	aluminium	aluminium	aluminium	aluminium
Frame colour	grey	grey	grey	grey	grey	grey
Type of control	analogue controls	analogue controls	analogue controls	analogue controls	analogue controls	analogue controls
Temperature display	internal analogue	internal analogue	internal analogue	internal analogue	internal analogue	internal analogue
Interior light	LED	LED	LED	LED	LED	LED
Number of baskets	7	6	5	4	3	2
Castors	swivel castors	swivel castors	swivel castors	swivel castors	swivel castors	swivel castors
Water drain	yes	yes	yes	yes	yes	yes
Gross / net weight	88 / 78 kg	80 / 71 kg	71 / 63 kg	63 / 56 kg	55 / 49 kg	48 / 42 kg
Also available without interior light as	**GTI 5803**	**GTI 4903**	**GTI 4103**	**GTI 3303**	**GTI 2503**	**GTI 1703**
Accessories						
Basket 250 mm	7113353	7113353	7113353	7113353	7113353	7113353
Basket 210 mm	7113351	7113351	7113351	7113351	7113351	7113351
Separating grid 250 mm	7113345	7113345	7113345	7113345	7113345	7113345
Separating grid 210 mm	7113343	7113343	7113343	7113343	7113343	7113343
Cylinder lock for glass sliding lid	7043359	7043359	7043359	7043359	7043359	7043359
Swivel castors with brake	7044750	7044750	7044750	7044750	7044750	7044750

1 Measured with light switched off

Sales chest freezers	GTE 5800	GTE 5852 LED	GTE 4900	GTE 4952 LED	GTE 4100	GTE 4152 LED
Total gross / net capacity	573 / 513 litre	585 / 463 litre	491 / 439 litre	501 / 396 litre	409 / 365 litre	417 / 328 litre
Exterior dimensions in mm (w / d / h)	1675 / 661 / 916	1675 / 661 / 911	1465 / 661 / 916	1465 / 661 / 911	1255 / 661 / 916	1255 / 661 / 911
Interior dimensions in mm (w / d / h)	1550 / 535 / 660	1550 / 535 / 600	1340 / 535 / 660	1340 / 535 / 600	1130 / 535 / 660	1130 / 535 / 600
Total display area in m² (TDA)	0,91	0,91	0,79	0,79	0,67	0,67
Energy consumption in 365 days [1]	931 kWh	1113 kWh	730 kWh	913 kWh	584 kWh	730 kWh
Climate rating	4	4	4	4	4	4
Refrigerant	R 290	R 290	R 290	R 290	R 290	R 290
Sound power level	52 dB(A)	52 dB(A)	52 dB(A)	52 dB(A)	42 dB(A)	42 dB(A)
Connection rating	2.0 A / 240 W	2.0 A / 240 W	2.0 A / 240 W	2.0 A / 240 W	2.0 A / 200 W	2.0 A / 200 W
Frequency / voltage	50 Hz / 220–240V~	50 Hz / 220–240V~	50 Hz / 220–240V~	50 Hz / 220–240V~	50 Hz / 220–240V~	50 Hz / 220–240V~
Cooling system	static	static	static	static	static	static
Defrost	manual	manual	manual	manual	manual	manual
Temperature range	−10°C to −24°C	−10°C to −24°C	−10°C to −24°C	−10°C to −24°C	−10°C to −24°C	−10°C to −24°C
Door / lid material	aluminium sliding lid	sliding glass lid	aluminium sliding lid	sliding glass lid	aluminium sliding lid	sliding glass lid
External cabinet finish	steel / white	steel / white	steel / white	steel / white	steel / white	steel / white
Internal liner material	aluminium	aluminium	aluminium	aluminium	aluminium	aluminium
Frame colour	grey	grey	grey	grey	grey	grey
Type of control	analogue controls	analogue controls	analogue controls	analogue controls	analogue controls	analogue controls
Temperature display	internal analogue	internal analogue	internal analogue	internal analogue	internal analogue	internal analogue
Interior light		LED		LED		LED
Number of baskets	0	0	0	0	0	0
Number of baskets, max (see illustration)	7	7	6	6	5	5
Castors	swivel castors	swivel castors	swivel castors	swivel castors	swivel castors	swivel castors
Water drain	yes	yes	yes	yes	yes	yes
Gross / net weight	73 / 63 kg	79 / 68 kg	67 / 58 kg	72 / 63 kg	61 / 52 kg	65 / 56 kg
Also available without interior light as		GTE 5802		GTE 4902		GTE 4102
Accessories						
Wire basket for scoop-ice containers	7113395	7113395	7113395	7113395	7113395	7113395
Basket 250 mm	7113399	7113399	7113399	7113399	7113399	7113399
Basket 210 mm	7113397	7113397	7113397	7113397	7113397	7113397
Separating grid 250 mm	7113349	7113349	7113349	7113349	7113349	7113349
Separating grid 210 mm	7113347	7113347	7113347	7113347	7113347	7113347
Cylinder lock for glass sliding lid		7043359		7043359		7043359
Cylinder lock for foamed lid	7042835		7042835		7042835	
Swivel castors with brake	7044750	7044750	7044750	7044750	7044750	7044750

1 Measured with light switched off
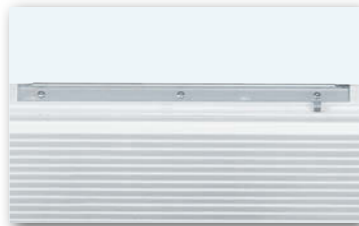
Sales chest freezers	GTE 3300	GTE 3352 LED	GTE 2500	GTE 2552 LED	GTE 1700	GTE 1752 LED
Total gross/net capacity	326/291 litre	334/261 litre	244/216 litre	250/194 litre	162/142 litre	166/126 litre
Exterior dimensions in mm (w/d/h)	1045/661/916	1045/661/911	835/661/916	835/661/911	625/661/916	625/661/911
Interior dimensions in mm (w/d/h)	920/535/660	920/535/600	710/535/560	710/535/560	500/535/660	500/535/600
Total display area in m² (TDA)	0,54	0,54	0,38	0,38	0,30	0,30
Energy consumption in 365 days [1]	548 kWh	657 kWh	513 kWh	621 kWh	475 kWh	586 kWh
Climate rating	4	4	4	4	4	4
Refrigerant	R 600a	R 600a	R 600a	R 600a	R 600a	R 600a
Sound power level	42 dB(A)	42 dB(A)	42 dB(A)	42 dB(A)	42 dB(A)	42 dB(A)
Connection rating	1.0 A/150 W	1.0 A/150 W	1.0 A/150 W	1.0 A/150 W	1.0 A/130 W	1.0 A/130 W
Frequency/voltage	50 Hz/220−240V~	50 Hz/220−240V~	50 Hz/220−240V~	50 Hz/220−240V~	50 Hz/220−240V~	50 Hz/220−240V~
Cooling system	static	static	static	static	static	static
Defrost	manual	manual	manual	manual	manual	manual
Temperature range	−10°C to −24°C	−10°C to −24°C	−10°C to −24°C	−10°C to −24°C	−10°C to −24°C	−10°C to −24°C
Door/lid material	aluminium sliding lid	sliding glass lid	aluminium sliding lid	sliding glass lid	aluminium sliding lid	sliding glass lid
External cabinet finish	steel/white	steel/white	steel/white	steel/white	steel/white	steel/white
Internal liner material	aluminium	aluminium	aluminium	aluminium	aluminium	aluminium
Frame colour	grey	grey	grey	grey	grey	grey
Type of control	analogue controls	analogue controls	analogue controls	analogue controls	analogue controls	analogue controls
Temperature display	internal analogue	internal analogue	internal analogue	internal analogue	internal analogue	internal analogue
Interior light		LED		LED		LED
Number of baskets	0	0	0	0	0	0
Number of baskets, max (see illustration)	4	4	3	3	2	2
Castors	swivel castors	swivel castors	swivel castors	swivel castors	swivel castors	swivel castors
Water drain	yes	yes	yes	yes	yes	yes
Gross/net weight	54/46 kg	57/50 kg	50/42 kg	50/42 kg	52/45 kg	46/40 kg
Also available without interior light as		GTE 3302		GTE 2502		GTE 1702
Accessories						
Wire basket for scoop-ice containers	7113395	7113395	7113395	7113395	7113395	7113395
Basket 250 mm	7113399	7113399	7113399	7113399	7113399	7113399
Basket 210 mm	7113397	7113397	7113397	7113397	7113397	7113397
Separating grid 250 mm	7113349	7113349	7113349	7113349	7113349	7113349
Separating grid 210 mm	7113347	7113347	7113347	7113347	7113347	7113347
Cylinder lock for glass sliding lid		7043359		7043359		7043359
Cylinder lock for foamed lid	7042835		7042835		7042835	
Swivel castors with brake	7044750	7044750	7044750	7044750	7044750	7044750

[1] Measured with light switched off

The advantages at a glance

The cooling condenser is embedded in the foam insulation all the way round the outer skin, which reduces vibration and makes the appliance quiet in operation. Condensation is stopped from forming on the housing; the outer skin is easy to clean – for perfect hygiene.

The **handle** is simple and tough.

Highly effective insulation prevents energy loss and supports the excellent energy efficiency of the chest freezers.

The powder-coated sheet steel **housing** features a gap-free design which makes it very sturdy, scratch- and impact-resistant.

The **aluminium inner liner** with rounded corners is easy to clean and meets hygiene requirements. Thanks to the rust-free and scratch-resistant aluminium, the liner possesses excellent thermal conductivity.

Optimum illumination of the interior ensured by efficient lighting.

The **lock** prevents unauthorised access.

Highly-practical mesh baskets allow clear arrangement of the chest interior and can be used to improve stock rotation.

The **natural** and **CFC free refrigerant R 600a** is, in conjunction with highly efficient compressors, very energy-efficient.

The **main body of the chest** features a very sturdy and rugged design, which ensures that the chests can also withstand intensive loads and are torsion-free.

Stop Frost

The **StopFrost system** reduces frosting on the interior and stored products, so the time-consuming process of defrosting is necessary far less often. The chest can be re-opened effortlessly even after the lid is opened and closed because vacuum does not build up.

Adjustable temperature range between -14°C and -26°C to suit individual needs.

The **analogue temperature display** tells the user the exact internal temperature.

LIEBHERR

GTL 6106

Hinged-lid storage chest freezers	GTL 6106	GTL 6105	GTL 4906	GTL 4905	GTL 3006	GTL 3005
Total gross/net capacity	601/572 litre	601/572 litre	485/461 litre	485/461 litre	299/284 litre	299/284 litre
Exterior dimensions in mm (w/d/h)	1647/776/908	1647/776/917	1372/776/908	1372/776/917	998/725/908	998/725/917
Interior dimensions in mm (w/d/h)	1520/575/702	1520/575/702	1245/575/702	1245/575/702	871/526/702	871/526/702
Energy consumption in 365 days	551 kWh	551 kWh	458 kWh	458 kWh	284 kWh	284 kWh
Climate rating	5	5	5	5	5	5
Refrigerant	R 600a	R 600a	R 600a	R 600a	R 600a	R 600a
Sound power level	44 dB(A)	44 dB(A)	42 dB(A)	42 dB(A)	42 dB(A)	42 dB(A)
Connection rating	1.5 A/200 W	1.5 A/200 W	1.2 A/140 W	1.2 A/140 W	0.5 A/120 W	0.5 A/120 W
Frequency/voltage	50 Hz/220−240V~	50 Hz/220−240V~	50 Hz/220−240V~	50 Hz/220−240V~	50 Hz/220−240V~	50 Hz/220−240V~
Cooling system	static	static	static	static	static	static
Defrost	manual	manual	manual	manual	manual	manual
Temperature range	−14°C to −26°C	−14°C to −26°C	−14°C to −26°C	−14°C to −26°C	−14°C to −26°C	−14°C to −26°C
Door/lid material	stainless steel	steel	stainless steel	steel	stainless steel	steel
External cabinet finish	steel/white	steel/white	steel/white	steel/white	steel/white	steel/white
Internal liner material	aluminium	aluminium	aluminium	aluminium	aluminium	aluminium
Type of control	analogue controls	analogue controls	analogue controls	analogue controls	analogue controls	analogue controls
Temperature display	external analogue	external analogue	external analogue	external analogue	external analogue	external analogue
Interior light	yes	yes	yes	yes	yes	yes
Number of baskets	3	3	2	2	2	2
Number of baskets, max	6	6	5	5	3	3
Handle	profiled aluminium	profiled aluminium	profiled aluminium	profiled aluminium	profiled aluminium	profiled aluminium
Lock	fitted	fitted	fitted	fitted	fitted	fitted
Insulation	60 mm	60 mm	60 mm	60 mm	60 mm	60 mm
Water drain	yes	yes	yes	yes	yes	yes
Gross/net weight	90/76 kg	90/76 kg	77/66 kg	78/66 kg	57/49 kg	57/48 kg
Accessories						
Basket	7112727	7112727	7112727	7112727	7112725	7112725
Roller bars	9901627	9901627	9901627	9901627	9901629	9901629

The advantages at a glance

Demand-based technology: highly efficient dynamic cooling system for stable and evenly distributed interior temperatures. The door operated fan cut-out switch minimises the loss of cold air when the door is opened. Thanks to the rear-wall condenser, the system is virtually maintenance-free.
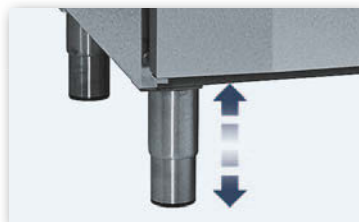
The natural and **CFC free refrigerants R 290** and **R 600a** are environmentally friendly and, in conjunction with highly efficient compressors, are very energy-efficient.

The **moulded inner liner** made of food-safe commercial-grade polystyrol is odourless, very tough, durable and very easy to clean for perfect hygiene thanks to the generously radiused corners.
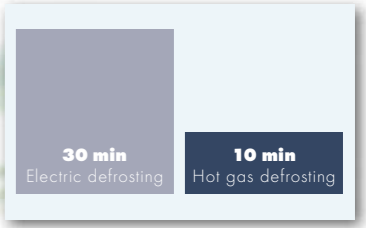
The **plastic-coated grid shelves** allow variable use of the interior and have a loading capacity of up to 60 kg, ensuring safe product storage even in extreme conditions.

The appliances are delivered with **assembled stainless steel adjustable legs**. This saves time and effort on site. The feet are adjustable to allow easy cleaning under the appliance. Castors are also optionally available.

Hot gas defrosting in GGv. The highly efficient hot gas defrosts the appliance in approx. 10 minutes, minimising the temperature rise in the interior during defrosting and saving energy.

30 min Electric defrosting
10 min Hot gas defrosting

Precision and **easy-to-use controller** featuring a hygienic membrane panel for protection against dirt; the high-quality refrigeration components guarantee maximum energy efficiency. Visual and audible door alarms alert the user to an excessive rise in temperature and loss of cold air.
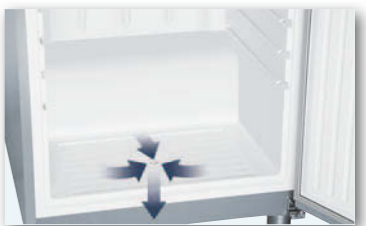
The **reversible door hinges** allow the appliances to be adapted to the installation site. All the necessary parts are included in the delivery; the door can quickly be reversed on site.

The **tough slimline door handle** is designed for intensive use, ergonomic, very easy to grasp and easy to clean.

After cleaning, water can drain off quickly and in a controlled manner via the **drain** in the liner base.

Self-closing door with **removable magnetic gasket**. For convenient use, the doors remain open at 90° to allow easy loading or removal of larger quantities. At less than 60° the doors close automatically and reliably. That prevents the loss of cold air and helps to increase energy efficiency.
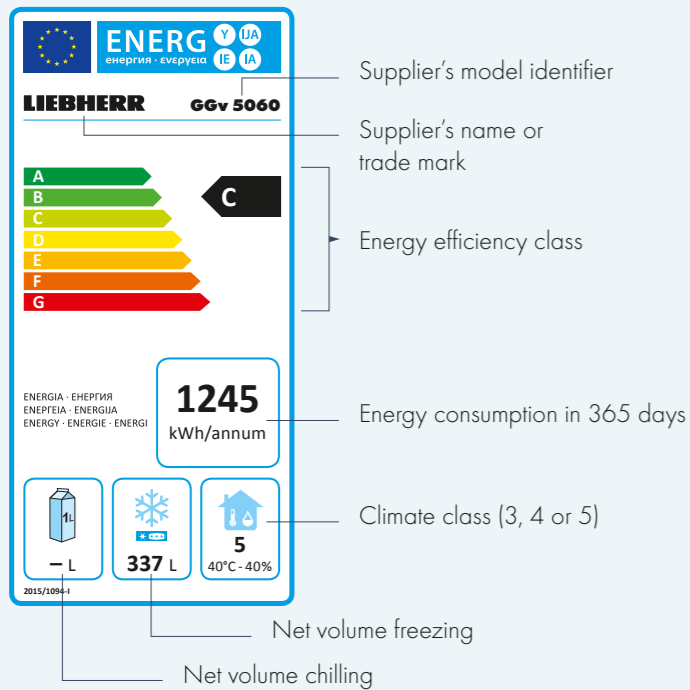
GGv 5860

Quality right down to the smallest detail

Liebherr freezers with fan-assisted and static cooling provide perfect refrigerating capacity for high demands. The temperature can be set accurately between -14°C and -28°C. High-quality materials, optimised and highly efficient components and top-quality workmanship guarantee a long life and provide optimum storage conditions for frozen products.

ENERG

LIEBHERR   GGv 5060

A
B
C
D
E
F
G

C

1245
kWh/annum

— L

337 L

5
40°C - 40%

2015/1094-I

- Supplier's model identifier
- Supplier's name or trade mark
- Energy efficiency class
- Energy consumption in 365 days
- Climate class (3, 4 or 5)
- Net volume freezing
- Net volume chilling

New: EU regulation on the labelling of commercial refrigerators and freezers.
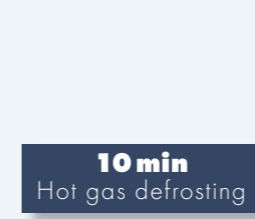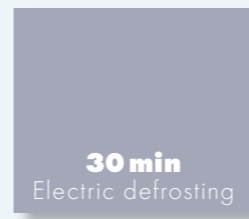In order to reduce the energy consumption in the European Union and to support the sale of energy-efficient appliances, the European Commission has issued the regulation 2015/1094 "Energy labelling of professional refrigerators and freezers" effective from 1 July 2016.

After this date certain appliances that are designed for the storage of food in a commercial environment will have to be labelled with an energy label.

The label shows the energy classification between classes A and G, the energy consumption in kWh/year, the net capacity in litres as well as the climate class, for which the appliance is designed. Excepted from the labelling obligation are static appliances, fridge-freezers, chest freezers as well as appliances used for sales promotion.

Advantage of hot gas defrosting
The temperature rise is minimal

30 min
Electric defrosting

10 min
Hot gas defrosting

Energy-efficient hot-gas defrost system.
Defrost less often and faster: the appliance defrosts only when required since the electronic control system calculates the defrost cycles based on the compressor run-time. Energy-efficient hot gas reduces the defrost time from approx. 30 to only approx. 10 minutes – with a low rise in temperature in the appliance. Positive for food quality: food items do not have to be removed during the defrost phase and are not exposed to unnecessary temperature fluctuations.

Static appliances with baskets.
The static plate-evaporator system ensures freezing capacity close to the product but is above all simple and very reliable. The baskets provided are an ideal solution for handling and storing frozen products.
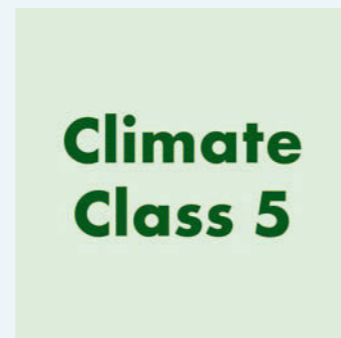
Factory-fitted stainless steel legs.
Selected appliances are delivered with adjustable legs already installed at the factory. These provide enough clearance from the floor to allow easy cleaning underneath the appliance. Castors are optionally available.

Pressure relief valve.
Inside freezers a vacuum is built up by air exchange which causes resistance when the door is reopened. The integrated pressure-relief valve compensates this vacuum automatically and immediately – the doors remain easy to open.

Climate Class 5

Operating conditions – high climate rating.
Sometimes in the kitchen not only temperaments but also temperatures get very hot. That is why the professional Liebherr appliances are designed for climate rating 5 with high ambient temperatures up to +40°C. They always operate properly and efficiently even in extreme conditions.

Up   Down   -18   On/Off   Alarm

Easy-to-use electronic controls.
The precision electronic controller with digital display and membrane keyboard is easy to use – and just as easy to clean because the hygienic panel is seamless and dirt-resistant. A keyboard locking function prevents inadvertent readjustment of values. In case of temperature deviations, caused e.g. by a door that is open, a visual and audible door alarm is activated thus protecting the freezer contents.

LIEBHERR NoFrost

Forced-air cooling (in NoFrost GGv).
The high-performance forced-air cooling system rapidly freezes products and maintains a uniform temperature. Adjustable wire shelves provide maximum flexibility, e.g. when storing large packages.

NoFrost freezers with fan-assisted cooling	GGv 5860	GGv 5810	GGv 5060	GGv 5010
	No Frost	No Frost	No Frost	No Frost
Total gross/net capacity	547/388 litre	547/388 litre	478/337 litre	478/337 litre
Exterior dimensions in mm (w/d/h)	750/750/2064	750/750/2064	750/750/1864	750/750/1864
Interior dimensions in mm (w/d/h)	610/500/1395	610/500/1395	610/500/1225	610/500/1225
Energy efficiency class [1]	C	C	C	C
Energy consumption in 365 days	1351 kWh	1351 kWh	1245 kWh	1245 kWh
Climate rating	5	5	5	5
Refrigerant	R 290	R 290	R 290	R 290
Sound power level	55 dB(A)	55 dB(A)	55 dB(A)	55 dB(A)
Connection rating	3.0 A/400 W	3.0 A/400 W	3.0 A/400 W	3.0 A/400 W
Frequency/voltage	50 Hz/220–240V~	50 Hz/220–240V~	50 Hz/220–240V~	50 Hz/220–240V~
Cooling system	forced-air	forced-air	forced-air	forced-air
Defrost	automatic	automatic	automatic	automatic
Temperature range	−14°C to −28°C	−14°C to −28°C	−14°C to −28°C	−14°C to −28°C
Euronorm	600 × 400 mm	600 × 400 mm	600 × 400 mm	600 × 400 mm
Gastronorm	530 × 325 mm	530 × 325 mm	530 × 325 mm	530 × 325 mm
External cabinet finish	stainless steel	steel/white	stainless steel	steel/white
Door/lid material	stainless steel	steel	stainless steel	steel
Internal liner material	commercial grade moulded polystyrol	commercial grade moulded polystyrol	commercial grade moulded polystyrol	commercial grade moulded polystyrol
Type of control	electronic controller	electronic controller	electronic controller	electronic controller
Temperature display	external digital	external digital	external digital	external digital
Fault: warning signal	visual and audible	visual and audible	visual and audible	visual and audible
Adjustable shelves	5	5	4	4
Shelf material	wire shelves plastic-coated	wire shelves plastic-coated	wire shelves plastic-coated	wire shelves plastic-coated
Shelf loading	60 kg	60 kg	60 kg	60 kg
Handle	stainless steel slimline door handle	ergonomic slimline handle	stainless steel slimline door handle	ergonomic slimline handle
Height of adjustable legs	150–180 mm	150–180 mm	150–180 mm	150–180 mm
Lock	fitted	fitted	fitted	fitted
Self-closing door	yes	yes	yes	yes
Door hinges	right, reversible on site	right, reversible on site	right, reversible on site	right, reversible on site
Insulation	70 mm	70 mm	70 mm	70 mm
Gross/net weight	118/110 kg	119/110 kg	108/100 kg	109/101 kg
Also available with castors	**yes**	**yes**	**yes**	**yes**
Accessories				
Optional castor set	9086457	9086457	9086457	9086457
Shelf, plastic-coated	7113475	7113475	7113475	7113475
Foot pedal opener	9094579	9094579	9094579	9094579

[1] Notes on regulation 2015/1094 see page 24

Freezers with static cooling 75 cm wide	GG 5260	GG 5210	G 5216
Total gross/net capacity	513/472 litre	513/472 litre	513/472 litre
Exterior dimensions in mm (w/d/h)	750/750/1864	750/750/1864	750/750/1725
Interior dimensions in mm (w/d/h)	607/560/1510	607/560/1510	607/560/1510
Energy consumption in 365 days	419 kWh	419 kWh	384 kWh
Climate rating	7	7	7
Refrigerant	R 600a	R 600a	R 600a
Sound power level	45 dB(A)	45 dB(A)	45 dB(A)
Connection rating	1.0 A/150 W	1.0 A/150 W	1.5 A/150 W
Frequency/voltage	50 Hz/220−240V~	50 Hz/220−240V~	50 Hz/220−240V~
Cooling system	static	static	static
Defrost	manual	manual	manual
Temperature range	−14°C to −28°C	−14°C to −28°C	−14°C to −28°C
External cabinet finish	stainless steel	steel/white	steel/white
Door/lid material	stainless steel	steel	steel
Internal liner material	commercial grade moulded polystyrol	commercial grade moulded polystyrol	commercial grade moulded polystyrol
Type of control	electronic controller	electronic controller	electronic controller
SuperFrost			quantity-controlled
Temperature display	external digital	external digital	external digital
Fault: warning signal	visual and audible	visual and audible	visual and audible
Drawers	0	0	14
Number of baskets	14	14	0
Shelves, freezer compartment	7	7	7
Shelf material	evaporator plates	evaporator plates	evaporator plates
Shelf loading	60 kg	60 kg	60 kg
Compartment height in mm	6×187, 1×237	6×187, 1×237	6×187, 1×237
Height of adjustable legs	150−180 mm	150−180 mm	
Handle	stainless steel slimline door handle	ergonomic slimline handle	slimline handle with integrated opening mechanism
Lock	fitted	fitted	
Self-closing door	yes	yes	
Door hinges	right, reversible on site	right, reversible on site	right, reversible on site
Gross/net weight	115/107 kg	117/109 kg	110/104 kg
Also available with castors	**yes**	**yes**	
Accessories			
Optional castor set	9086457	9086457	
Drawer/short drawer	9792795/9792797	9792795/9792797	9792795/9792797
Basket/short basket	9141791/7112423	9141791/7112423	9141791/7112423
Foot pedal opener	9094579	9094579	

Freezers with static cooling 60 cm wide	GG 4060	GG 4010
Total gross/net capacity	382/348 litre	382/348 litre
Exterior dimensions in mm (w/d/h)	600/680/1900	600/680/1900
Interior dimensions in mm (w/d/h)	457/480/1686	457/480/1686
Energy consumption in 365 days	443 kWh	443 kWh
Climate rating	7	7
Refrigerant	R 600a	R 600a
Sound power level	45 dB(A)	45 dB(A)
Connection rating	1.0 A/120 W	1.0 A/120 W
Frequency/voltage	50 Hz/220−240V~	50 Hz/220−240V~
Cooling system	static	static
Defrost	manual	manual
Temperature range	−14°C to −28°C	−14°C to −28°C
External cabinet finish	stainless steel	steel/white
Door/lid material	stainless steel	steel
Internal liner material	commercial grade moulded polystyrol	commercial grade moulded polystyrol
Type of control	electronic controller	electronic controller
Temperature display	external digital	external digital
Fault: warning signal	visual and audible	visual and audible
Drawers	0	0
Number of baskets	3	3
Shelves, freezer compartment	7	7
Shelf material	evaporator plates	evaporator plates
Shelf loading	60 kg	60 kg
Compartment height in mm	6×224, 1×240	6×224, 1×240
Handle	stainless steel slimline door handle	ergonomic slimline handle
Lock	fitted	fitted
Self-closing door	yes	yes
Door hinges	right, reversible on site	right, reversible on site
Gross/net weight	89/82 kg	90/83 kg
Accessories		
Adjustable legs	9086527	9086527
Basket	9141693	9141693
Roller bars	9086529	9086529

The advantages at a glance

The **display illuminated by energy-efficient LEDs** attracts attention to the appliance and its contents. The display panel can be customised and switched in parallel with the interior light. In addition, specific branding attracts attention to a brand or products. A wide variety of colour options is available for the housing and door frame.

Customised branding options on the display (FDv), on the housing and door frame attract attention to brands or a company and support sales promotion.

The **NoFrost module** is installed behind the display and enables maximum usage of the interior.

The **high-performance forced-air cooling system** rapidly cools down products and maintains a uniform cooling temperature throughout the interior.

The **tough slimline door handle** is ergonomic, easy to grasp and easy to clean.

The **heavy-duty wire shelves** are plastic-coated and have a loading capacity of up to 50 kg. Easy removal at a door opening angle of 90°.
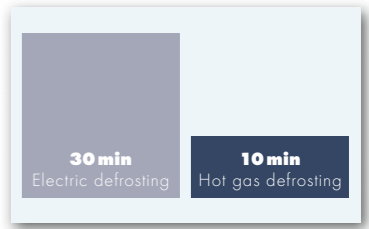
The **moulded inner liner** made of food-safe polystyrol is odourless, very sturdy and durable. It enables perfect hygiene thanks to the generously radiused, easy-to-clean corners.

The natural and **environmentally friendly refrigerant R 290** is CFC free and, in conjunction with highly efficient compressors, very energy-efficient.

The **highly efficient hot gas defrost system** reduces defrost time to approx. 10 minutes, which distinctly reduces the temperature rise in the appliance. The food quality is preserved for a longer period of time because the products do not have to be removed during the defrost phase and they are not exposed to unnecessary temperature fluctuations.

30 min
Electric defrosting

10 min
Hot gas defrosting

The **vertical LED lighting mounted on both sides** ensures bright illumination of the interior and supports sales promotion with optimum product presentation.

The glass doors with a tough **aluminium frame** have a 90° dwell position allowing easy loading and removal of larger product quantities. At less than 60° the doors close automatically to prevent loss of cold air.

The triple-pane **glass door** prevents **external condensation**.

The air-deflection baffle, mounted in the lower part of the inner liner, deflects the flow of cold air away from the glass door and thus **prevents condensation forming on the outside of the door**. The improved glass door insulation also helps to reduce condensation formation on the door and thereby facilitates optimum product presentation (FDv 4643 / Fv 3643).

A special **anti-fog film** significantly delays misting on the inside of the door after opening and closing, to consistently ensure optimum visibility for the products stored (FDv 4643 / Fv 3643).

The **digital temperature display** tells the user the exact internal temperature that has been set. The temperature range can be set from -10°C to -25°C using the precision electronic controller.

The **robust lock** prevents unauthorised access.

FDv 4643

Optimum product presentation for frozen foods

Attractive product presentation is a crucial condition for drawing the customers' attention to products. These modern glass door freezers in an attractive anthracite-aluminium design offer real promotional advantages: The interior is fitted with twin side-mounted, vertical LED lighting to create outstanding illumination inside the cabinet. The glass door has a special anti-fog film treatment which significantly delays misting of its inside surface upon opening, to always allow a clear view of the goods. The new integrated air-deflection baffle, together with improved glass door insulation, prevents water condensation forming on the outside of the door thus guaranteeing good visibility of products at all times.

Anti-fog film for improved product visibility
A special anti-fog film significantly delays misting on the inside of the door after opening and closing, to consistently ensure optimum visibility for the products stored.

Lower energy consumption
Thanks to the improved glass door insulation, the energy consumption has been reduced. The triple-pane glass contributes considerably to the freezer's excellent energy efficiency.

No condensation formation
The air-deflection baffle, mounted in the lower part of the inner liner, deflects the flow of cold air away from the glass door and thus prevents condensation forming on the outside of the door. The improved glass door insulation also helps to reduce condensation formation on the door and thereby facilitates optimum product presentation.

Forced-air display freezers	FDv 4643 (No Frost, LED)	Fv 3643 (No Frost, LED)
Total gross/net capacity	461/307 litre	365/231 litre
Exterior dimensions in mm (w/d/h)	670/721/1957	690/780/1688
Interior dimensions in mm (w/d/h)	532/568/1275	532/730/969
Energy consumption in 365 days [1]	1453 kWh	1377 kWh
Climate rating	4	4
Refrigerant	R 290	R 290
Sound power level	62 dB(A)	62 dB(A)
Connection rating	4.4 A/166,66 W	4.4 A/165,08 W
Frequency/voltage	50 Hz/220−240V~	50 Hz/220−240V~
Cooling system	forced-air	forced-air
Defrost	automatic	automatic
Temperature range	−10°C to −25°C	−10°C to −25°C
External cabinet finish	steel/white	steel/white
Door/lid material	glass	glass
Internal liner material	commercial grade moulded polystyrol	commercial grade moulded polystyrol
Type of control	electronic controller	electronic controller
Temperature display	external digital	external digital
Interior light	LED	LED
Fault: warning signal	visual and audible	visual and audible
Adjustable shelves	4	3
Shelf material	wire shelves plastic-coated	wire shelves plastic-coated
Shelf loading	50 kg	50 kg
Handle	ergonomic slimline handle	ergonomic slimline handle
Castors	2 fixed rear and 2 swivel front castors	
Lock	fitted	fitted
Self-closing door	yes	yes
Door hinges	right hand hinged, not reversible	right hand hinged, not reversible
Insulation	64,5 mm	67 mm
Gross/net weight	154/141 kg	136/125 kg
Also available as	**FDv 4613 A03** and **FDv 4613 049**	**Fv 3613 A03** and **Fv 3613 049**
Accessories		
Baskets, 42 litres	7111754	7111754
Partition grid for 42-litre basket	7111755	7111755
Baskets, 30 litres	7111758	7111758
Partition grid for 30-litre basket	7111759	7111759
Scanner rail 525 mm	7443779	7443779
Shelf, plastic-coated	7438722	7438722
Bottom grid, plastic-coated	7438721	7438721

[1] Measured with light switched off

Section: Chest freezers for ice-cream

Partition grid

The partition grids for baskets support product presentation and allow flexible organisation of the interior. Suitable for all GTI and GTE models.

Wire basket for scoop-ice containers

The sturdy wire baskets for scoop-ice containers are specially configured for the GTE chest freezers. Containers can be optimally arranged in the wire baskets so that ice-cream is perfectly presented and conveniently set out for selling by the scoop. Suitable for all GTE models.

Suspended baskets

Products can be presented in a clearly sorted arrangement with the suspended baskets. Suitable for all GTI, GTL and GTE models.

Cylinder lock for foamed lid / Cylinder lock for glass sliding lid

A lid lock can be installed on all models to secure the contents of the chest appliance. Cylinder lock for foamed lid suitable for all GTE models. Cylinder lock for glass sliding lid suitable for all GTI and GTE models.

Swivel castors with brake

If chest freezers require frequent repositioning, swivel castors provide a convenient solution. The premium-quality 50 mm rubberised swivel castors with integral brake allow the appliance to be securely fixed at the point of display and are available as accessories for all GTI and GTE models.

Roller bars

The rollers (diameter 30 mm) make it easy to move the appliance for cleaning. Suitable for all GTL models.

Section: Freezers with fan-assisted and static cooling
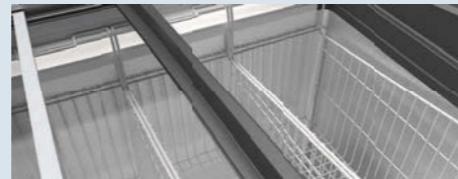
Optional castor set

Sturdy castors with a diameter of 100 mm enable good mobility and make it easy to clean the floor. Two castors are equipped with brakes. Suitable for the models: GGv 58, GGv 50 and GG 52.

Adjustable legs

Wherever hygiene is important, adjustable legs (150 – 180mm) can be fitted to provide adequate floor clearance for easy cleaning beneath the appliances. Suitable for the models: GG 40.

Roller bars

In order to ensure a easy and comfortable cleaning under the appliances, runners (diameter 25 mm) can be retrofitted. Suitable for the models: GG 40.

Foot pedal opener

If you don't have a hand free, you can conveniently open the door with the foot pedal available as an accessory. Suitable for the models: GGv and GG 52.

Shelves

The sturdy wire shelves are easy to clean and meet the most stringent hygiene requirements. They have a loading capacity of up to 60 kg. Suitable for the models: GGv.

Drawers

The completely enclosed drawers feature a very sturdy design and allow neat storage of small frozen food items. Suitable for the models: GG 52 and G 5216.

Baskets

Products can be stored in a clearly sorted arrangement with the baskets. Suitable for the models: GG 52, GG 40 and G 5216.

Section: Forced-air display freezers

Baskets 30, 42 litres

These heavy-duty baskets have capacities of 30/42 litres. Suitable for the models: FDv and Fv.

Partition grid for baskets

The partition grids for baskets support optimum product presentation and allow flexible organisation of the interior. Suitable for the models: FDv and Fv.
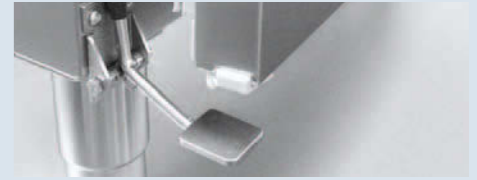
Scanner rail 525 mm

Price tags and scan codes can easily be read off the practical scanner rail, which is fastened to the front of the shelves. The paper inserts can be used for pricing, branding or other useful customer information. Suitable for the models: FDv and Fv.

Shelves

The plastic-coated grid shelves are height-adjustable and allow variable use of the interior for different frozen products. The close-mesh grid shelves have an extremely high loading capacity and ensure secure positioning of the products. Suitable for the models: FDv and Fv.

Base-grid, plastic-coated

A sturdy, plastic-coated base-grid ensures optimum use of the appliance base. The base-grid protects the inner liner from damage and ensures secure product storage. Suitable for the models: FDv and Fv.

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

You can find an overview of all Liebherr appliances in our main catalogues. Available in stores or on home.liebherr.com.

Refrigerators and freezers
Horeca

Refrigerators and freezers
Bakery

Refrigerators
Drinks industry

Refrigerators and freezers
General purpose

Refrigerators and freezers
Research and laboratory

Refrigerators
Pharmacy

Wine
Special

Island merchandiser
Food retail

Smart communication on all fronts

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

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

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

apps.home.liebherr.com

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

News, product launches and special promotions can be found on our Facebook page, the Liebherr blog, on Instagram and Pinterest.

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