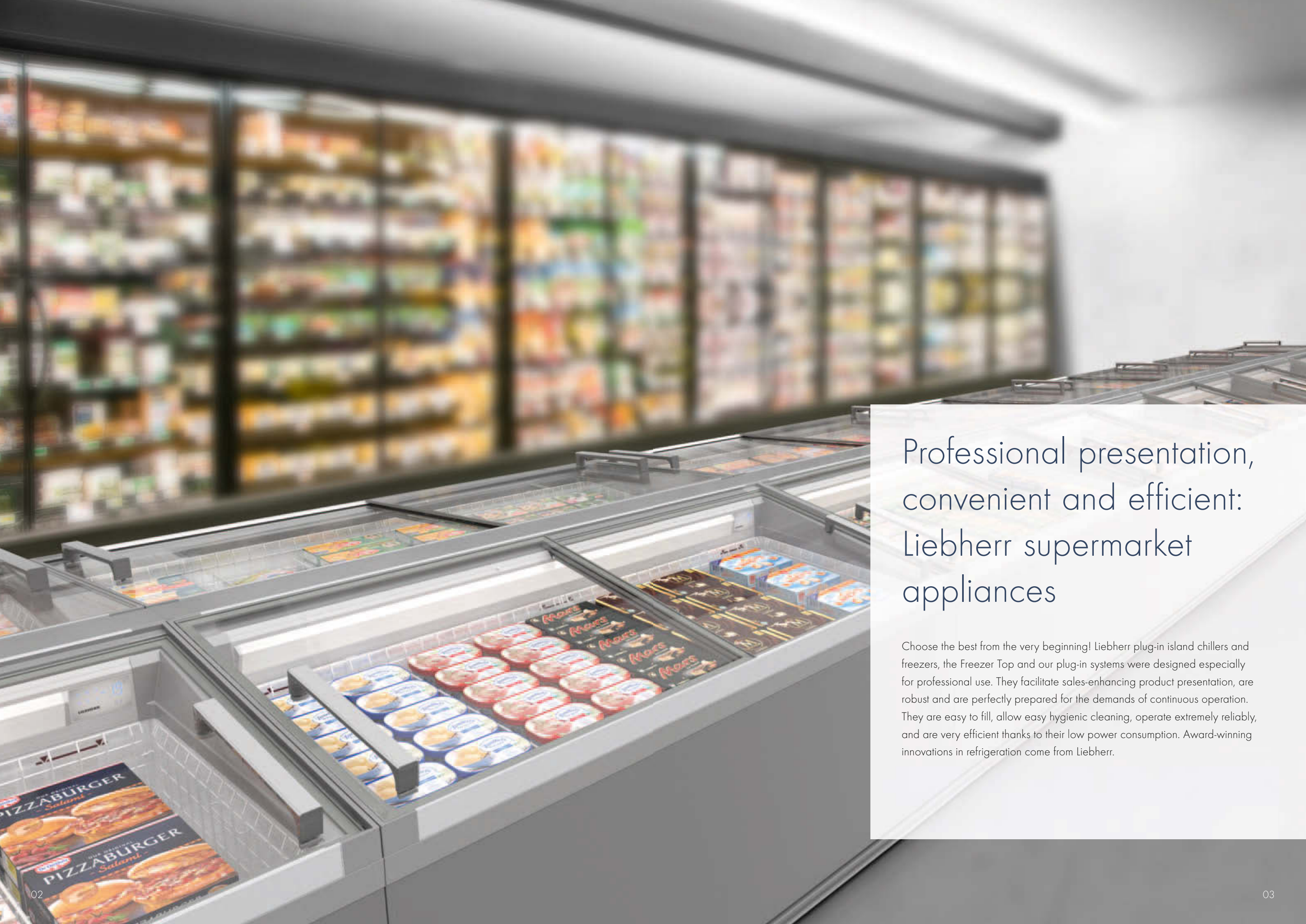


Chillers and freezers
for food retail



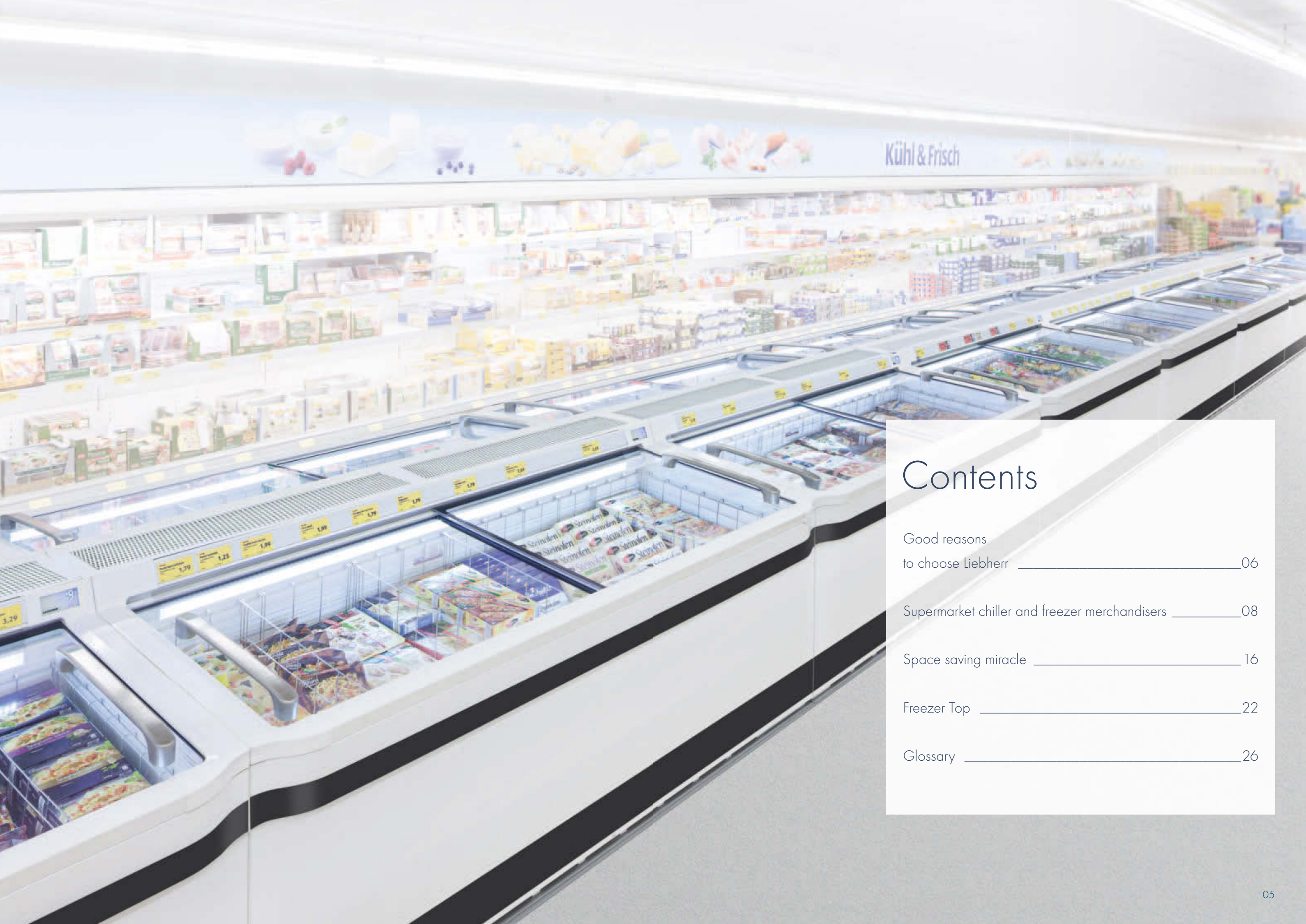
LIEBHERR

Quality, Design and Innovation



Professional presentation, convenient and efficient: Liebherr supermarket appliances

Choose the best from the very beginning! Liebherr plug-in island chillers and freezers, the Freezer Top and our plug-in systems were designed especially for professional use. They facilitate sales-enhancing product presentation, are robust and are perfectly prepared for the demands of continuous operation. They are easy to fill, allow easy hygienic cleaning, operate extremely reliably, and are very efficient thanks to their low power consumption. Award-winning innovations in refrigeration come from Liebherr.



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Good reasons to choose Liebherr



Product presentation

When developing our supermarket appliances, we have in mind that our appliances must create the optimum environment for presenting goods to their best advantage at all times, so that our customers can achieve high sales figures: LED light strips evenly illuminate our appliance interiors. The frameless sliding glass lids ensure that products are clearly visible, and that the appliances are easy to open and easy to stock. Thanks to an optimised TDA (total display area), stored products can be clearly seen from many different angles and heights.

Energy efficiency

Our appliances' energy efficiency and the responsible use of resources are extremely important to us. Liebherr supermarket appliances are extremely efficient and environmentally friendly thanks to highly effective insulation and the use of the environmentally friendly, high-performance HFC-free refrigerant R290, and to the combination of variable-speed compressors and precision controls.

Easy cleaning and servicing

Liebherr plug-in island chillers and freezers are designed to be easy to clean and maintenance-free. All components that require regular cleaning are easy to reach. Liebherr plug-in island chillers and freezers, for example, are easy to clean because the thermoformed inner liners feature generously radiused corners, the sliding glass lids have self-cleaning profiles, and the interiors are virtually seamless. Automatic defrosting offers additional convenience and time savings. In addition, the ventilation system contributes to hygiene: an innovative air-ducting system takes in fresh air and blows it out again at the base, which prevents the accumulation of dust underneath the island installation.

Productivity

Liebherr supermarket appliances help to facilitate staff workflows in branch stores and increase productivity: they enable easy product loading in the chest freezer system, fast cleaning – due to the absence of corners and edges in the interior – or save time thanks to automatic defrosting. Time-consuming and labour-intensive work is considerably reduced.

Highest performance

Even in extreme climate conditions, Liebherr supermarket appliances provide perfect refrigerating capacity at maximum efficiency. The use of ultra-advanced components, high-performance and environmentally-friendly refrigerants, and precision controls ensures that product quality and freshness are always safely preserved. Defrosting is fast and efficient: it takes place automatically twice a week, and can be initiated manually if required. The defrost process uses hot-gas, with no electrical heaters involved at all.

Reliability

Precision electronic controls make Liebherr supermarket appliances convenient to use, safe, and easy to maintain. Sensors continuously measure interior and operating temperatures in order to send this data to a server for remote monitoring. An integrated early fault detection system emits an automatic alarm if a problem occurs. This is how our appliances protect their valuable contents around the clock.

The advantages at a glance



Sliding lids. The large XL sliding lids made from single-pane safety glass provide a perfect view of products, are easy to move, and improve energy efficiency through special sealing and sliding profiles that prevent the loss of cold air and improve the efficiency of the appliances.



LED interior lighting. Long-lasting, energy-efficient LED light strips illuminate the appliance interior uniformly for appealing product presentation thereby growing sales.



Fully touch-functional glass display. The touch-electronic controls are ergonomically integrated at the rear of the chest freezer to ensure an optimal viewing position.

Handle. The elegant and sturdy stainless steel handle has a secure screw fitting and is resilient enough to withstand very frequent opening of the sliding lid. Using the handle as a support makes it easy to lean over and remove products from the freezer, even when the fill level is low.

Active Green
Green technology R290.

Natural power: the high-performance CFC- and HFC-free refrigerant R290 is environmentally friendly and improves the efficiency of appliances.

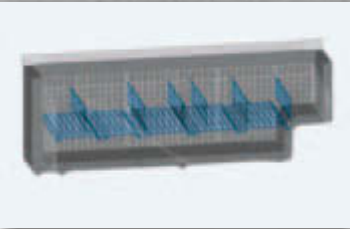


Interior. With virtually seamless interiors, these appliances are easy to clean and facilitate perfect hygiene. The sliding glass lids have concealed guide rails and a self-cleaning profile to prevent the accumulation of dust and dirt between the lid and the chest.

No Frost

Automatic defrosting of interior walls.

Automatic defrosting occurs using only hot-gas, which increases energy efficiency because no additional energy is required. The appliances defrost from bottom to top. The benefits: products do not need to be removed from the chest freezer during the defrost cycle. In addition, no ice forms in the drain area to block the outlet.



Partitions. Partitions allow flexible organisation within the interior in order to optimise product presentation and increase revenues.

Spacer grids. Spacer grids prevent products from freezing to the interior or being damaged by defrost water during the defrosting process.

Attractive product presentation with maximum efficiency



Space efficiency

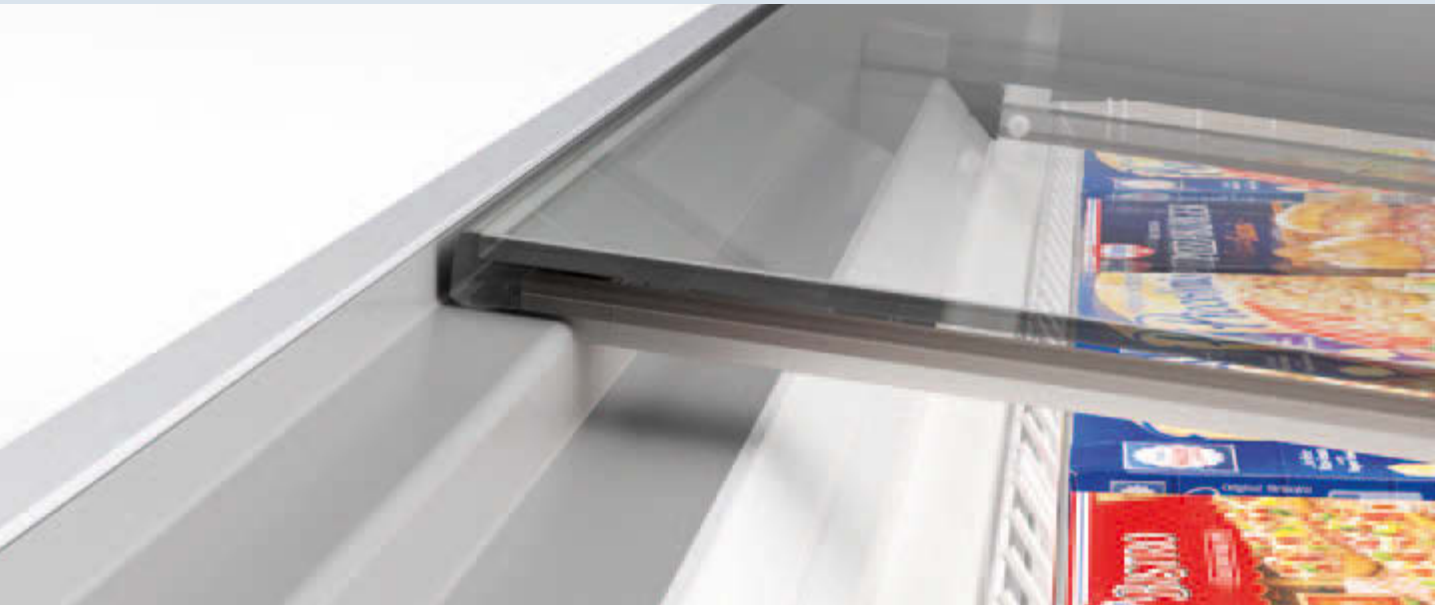
Thanks to optimal space efficiency, the available space is utilised in the best possible way. The maximum total display area (TDA) allows good product presentation and an optimal view of stored products.



Ergonomics

The supermarket appliances are particularly ergonomic and therefore offer greater convenience in the daily use of these appliances. The robust stainless steel handle makes the lid easy to open. The internal grid partitions and bases can easily be adapted to individual products.

These innovative supermarket appliances and plug-in chest island chillers and freezers offer optimum comfort and efficient cooling. Thanks to practical features, products can be presented in an attractive and sales-enhancing manner while always being the centre of attention.



Smooth-running sliding glass lid

The sliding lids are made from extremely resilient and non-reflecting single-pane safety glass with Low-E coating and are highly-scratch resistant. The freezers open with a minimum of effort thanks to the interaction of a special sliding seal in the lid and the optimised glide-surface on the housing. An integrated hot-gas frame heater largely prevents the formation of condensation. The non-reflecting glass ensures an optimal view of products at all times. The Low-E coating reflects heat radiation from outside.



Energy-saving LED lighting

LEDs produce very little waste heat and require much less power than standard fluorescent tubes. Our appliance interiors are illuminated by long-lasting LED light strips, which are positioned to avoid shadowing within the appliance. To save even more energy, the lighting can be connected to the central light control system and switched off overnight.



Modularity

Due to varying appliance dimensions, our appliances can be adapted flexibly to various store concepts. Their modularity ensures a good view of the products and allows structures to be placed above the appliances – which improves utilisation of the shop floor area.



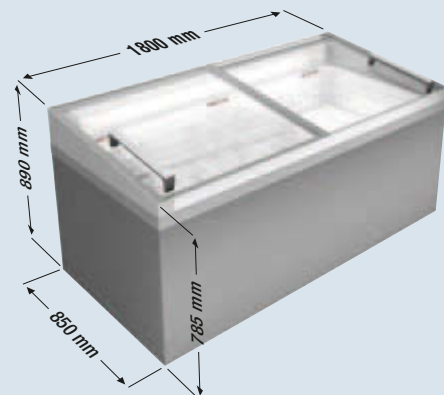
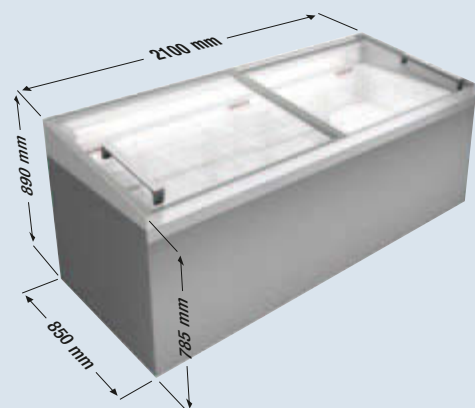
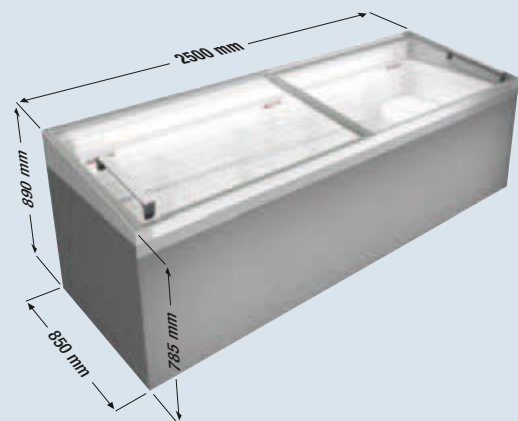
Adaptive refrigeration

The electronically-controlled variable-speed compressor ensures maximum energy efficiency with high levels of economy, because the compressor quickly adapts to the actual cooling requirements inside the appliance. Two air temperature sensors determine the cooling requirements and control the compressor to maximise efficiency and reduce operating costs.

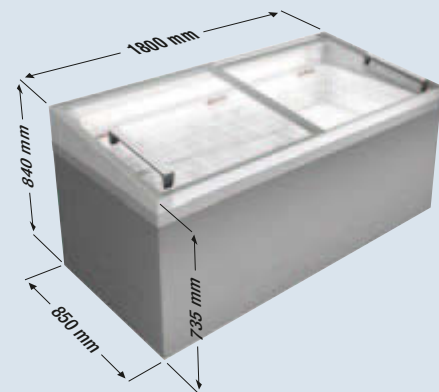
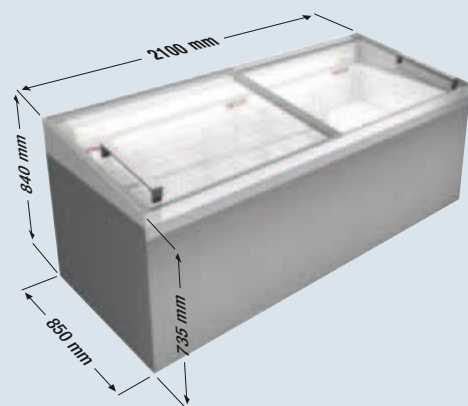
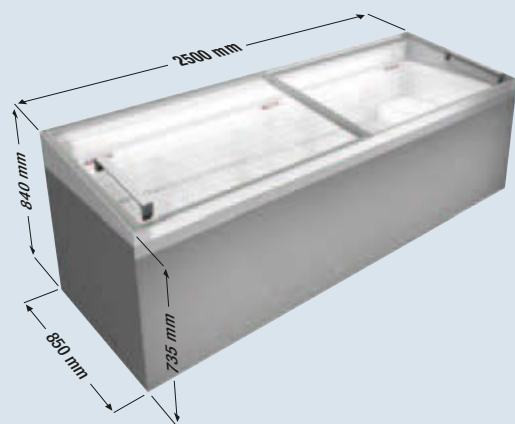


Sales-enhancing chest design

The modern design of our supermarket appliances makes for perfect storage and optimum product presentation. Customer attention is effectively drawn to the interiors of the appliances in order to keep the focus exclusively on the products.



Supermarket chiller and freezer		SGTm 1172		STm 1172		SGTm 972		STm 972		SGTem 872		STEM 872					
		Freezer		LED		Dual-purpose chiller / freezer		LED		Freezer island end unit		LED		Chiller / freezer island end unit		LED	
Also available Comfort models without LED lighting or variable-speed compressor.		SGTm 1152 Freezer		STm 1152 Dual-purpose chiller / freezer		SGTm 952 Freezer		STm 952 Dual-purpose chiller / freezer				STEM 852 Chiller / freezer island end unit					
Width		2500 mm		2500 mm		2100 mm		2100 mm		1800 mm		1800 mm					
Total gross/net capacity fridge compartment				1117/636 litre				915/514 litre				763/423 litre					
Total gross/net capacity freezer compartment		1117/816 litre		1117/780 litre		915/664 litre		915/628 litre		763/550 litre		763/514 litre					
Total display area in m ² (TDA) *		1.68		1.68		1.40		1.40		1.19		1.19					
Exterior dimensions in mm (w/d/h)		2500/850/890		2500/850/890		2100/850/890		2100/850/890		1800/850/890		1800/850/890					
Interior dimensions in mm (w/d/h)		2310/710/565		2310/710/590		1910/710/565		1910/710/590		1610/710/590		1610/710/590					
Energy consumption freezing in 24 h **		4.620 kWh		4.620 kWh		4.273 kWh		4.273 kWh		4.059 kWh		4.059 kWh					
Energy consumption cooling in 24 h **				3.188 kWh				2.991 kWh				3.044 kWh					
Climate rating		3		3		3		3		3		3					
Ambient temperature range		+16°C to +25°C		+16°C to +25°C		+16°C to +25°C		+16°C to +25°C		+16°C to +25°C		+16°C to +25°C					
Refrigerant		R 290		R 290		R 290		R 290		R 290		R 290					
Connection rating		4.5 A		4.5 A		4.5 A		4.5 A		4.5 A		4.5 A					
Frequency/voltage		50–60 Hz/220–240V~		50–60 Hz/220–240V~		50–60 Hz/220–240V~		50–60 Hz/220–240V~		50–60 Hz/220–240V~		50–60 Hz/220–240V~					
Cooling system In chiller mode				forced-air				forced-air				forced-air					
				static		static		static		static		static					
Defrost		auto hot-gas defrost		auto hot-gas defrost***		auto hot-gas defrost		auto hot-gas defrost***		auto hot-gas defrost		auto hot-gas defrost***					
Temperature range Chiller mode				+1°C to +7°C				+1°C to +7°C				+1°C to +7°C					
Load line height Freezer mode		–18°C to –23°C		–18°C to –23°C		–18°C to –23°C		–18°C to –23°C		–18°C to –23°C		–18°C to –23°C					
Load line height Refrigeration / Freezing		– / 577.5		477.5/577.5		– / 577.5		477.5/577.5		– / 577.5		477.5/577.5					
External cabinet finish		steel / grey		steel / grey		steel / grey		steel / grey		steel / grey		steel / grey					
Lid material		sliding glass lid		sliding glass lid		sliding glass lid		sliding glass lid		sliding glass lid		sliding glass lid					
Internal liner material		commercial grade moulded polystyrol		commercial grade moulded polystyrol		commercial grade moulded polystyrol		commercial grade moulded polystyrol		commercial grade moulded polystyrol		commercial grade moulded polystyrol					
Frame colour		grey		grey		grey		grey		grey		grey					
Type of control		Touch-controller		Touch-controller		Touch-controller		Touch-controller		Touch-controller		Touch-controller					
Temperature display		internal digital		internal digital		internal digital		internal digital		internal digital		internal digital					
Interior light		LED lighting		LED lighting		LED lighting		LED lighting		LED lighting		LED lighting					
Fault: warning signal		visual		visual		visual		visual		visual		visual					
Interface		CAN-BUS		CAN-BUS		CAN-BUS		CAN-BUS		CAN-BUS		CAN-BUS					
Volt-free alarm contact		yes		yes		yes		yes		yes		yes					
Adjustable dividers		3+1		3+1		3+1		3+1		3+1		3+1					
Material of internal fittings		Clear-coated wire		Clear-coated wire		Clear-coated wire		Clear-coated wire		Clear-coated wire		Clear-coated wire					
Handle		ergonomic slimline handle		ergonomic slimline handle		ergonomic slimline handle		ergonomic slimline handle		ergonomic slimline handle		ergonomic slimline handle					
Insulation		70 mm		70 mm		70 mm		70 mm		70 mm		70 mm					
Gross/net weight		185/160 kg		185/160 kg		185/160 kg		185/160 kg		185/160 kg		185/160 kg					

[illegible]

The advantages at a glance

Spacer grids. Spacer grids protect products against freezing and defrost water during the defrosting process.



Sliding lids. Thanks to their special sealing and sliding profiles, the easy-to-move sliding lids made of single-pane safety glass seal very tightly, prevent the loss of cold air and increase the energy efficiency of the appliances.

Handle. The elegant and sturdy screw-attached stainless steel handle is resilient enough to withstand very frequent opening of the sliding lid. Using the handle as a support makes it easy to lean over and remove products from the freezer, even when the fill level is low.



Tapered shape. The tapered design provides ergonomic foot space for easy product removal. The overall island installation has a neat and well-organised sectional appearance due to the tapered shape of the individual freezers.



Hygienic and easy to clean. With virtually seamless interiors, these appliances are easy to clean and facilitate perfect hygiene. The sliding glass lids have concealed guide rails and a self-cleaning profile to prevent the accumulation of dust and dirt between the lid and the chest.



Integrated price tag rails. The design concept includes scanner rails harmoniously integrated in a good viewing position. The price tags can easily be replaced or relocated if adjustments are necessary.



Fully touch-functional glass display. The touch-electronic controls are ergonomically integrated at the rear of the chest freezer to ensure an optimal viewing position. All accurate temperature setting, manual defrosting or light control functions are secured by the wireless RFID key.



5-degree inclination. This inclination also places the products in the customer's line of vision, resulting in optimised product presentation.



No Frost

Automatic defrosting of interior walls.

The automatic defrosting uses solely hot-gas, quickly defrosting the appliance from bottom to top. This improves appliance reliability since ice does not build up in the drain area and block the outlet. There are no electric heaters. Energy efficiency is also increased since the use of additional energy is not required. The products can remain in the chest freezer during the defrost phase.



LED interior lighting. Two durable, energy-efficient LED light strips ensure uniform illumination of the appliance interior and facilitate sales-enhancing product presentation.

Attractive product presentation with maximum storage

It offers maximum volume. It is energy-efficient. It is convenient to clean and facilitates optimum product presentation. This chest offers advantages that count in competition. We simply call it the "space saving miracle".



Sliding glass lid
The sliding lids are made from extremely resilient and non-reflecting single-pane safety glass with Low-E coating and are highly-scratch resistant. The freezers open with a minimum of effort thanks to the interaction of a special sliding seal in the lid and the optimised glide-surface on the housing. An integrated hot-gas frame heater largely prevents the formation of condensation. The non-reflecting glass ensures an optimal view of products at all times. The Low-E coating reflects heat radiation from outside and thereby prevents temperature rises in the appliance.



High net capacity
Thanks to its large capacity, the chest offers plenty of space for storage and facilitates optimum goods presentation. High stock turnover allows for improved sales and good sales revenues.



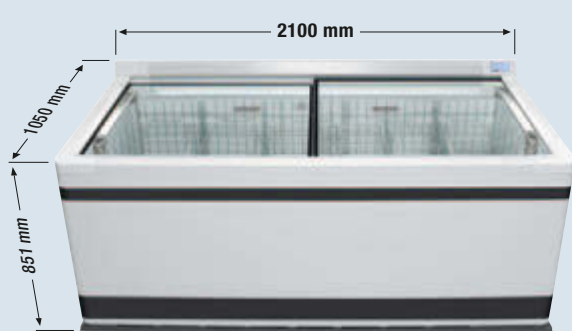
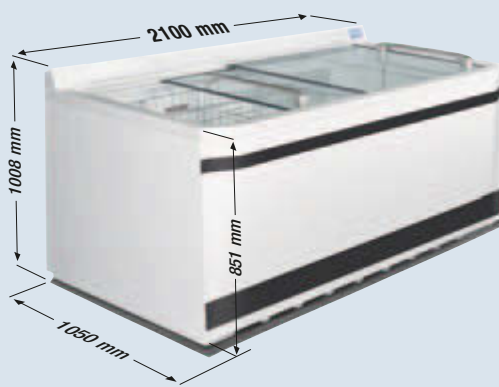
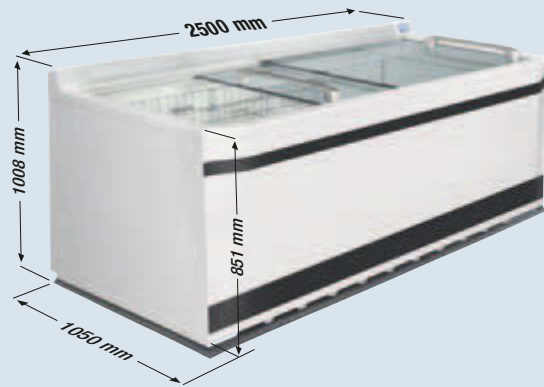
NoFrost technology
Time-consuming defrosting is a thing of the past thanks to NoFrost technology. The goods are kept frozen using cooled circulating air and the humidity in the air is removed. As a result, the freezer compartment is always ice-free, and food is no longer covered in frost.



Integrated price tags
The scanner rail is positioned at an ideal viewing height so the customer can quickly check out the prices of the products on display. The flush-mounted price tags can easily be replaced or relocated in case of changes.

Adaptive refrigeration
The electronically-controlled variable-speed compressor ensures maximum energy efficiency, because the compressor quickly adapts to the actual cooling requirements inside the appliance. Air temperature sensors determine the cooling requirements and control the compressor to maximise energy efficiency and reduce electricity costs.



[illegible]

* Measured to EN 23953 ** Measured at 25 °C *** In freezer mode

The advantages at a glance



Perfect surface-area productivity. More products on smaller surface areas: ideal if there is little space available. A top structure allows more products to be appealingly presented and sold on the same surface area. It also allows optimum product presentation at eye level.



Maximum total display area. Size matters: the maximum total display area allows good product presentation and an optimal view of stored products from a variety of angles. This is made possible by the glass doors with an opening width of 55 cm that connect flush to the extra-thin frame.



Optimum integration into the store concept. Flexibly adjusted to room concepts: the Freezer Top is height-adjustable and, thanks to its adjustable shelves, can be adapted to the conditions at its set-up location at any place and time. As a result, customer requirements regarding product presentation are met perfectly.

Product-oriented design. Inner values are important too: the design of the Freezer Top assists with optimum product presentation and draws customers' attention to the products. This is partly due to the frameless glass fronts. Distracting contours? Not at all!



Maintenance-free. Save time and money: the defrosting process is initiated automatically and performed at regular intervals.

A very talented self-closing door. Innovative door with many advantages: thanks to its self-closing mechanism, the door helps achieve energy savings. It also remains free from condensation, so there is always a perfect view of the goods. At an opening angle of 90°, the door stays open and makes it possible for staff to conveniently stock the Freezer Top with goods.



Individual LED lighting. Perfectly staged products: the colour-adjustable LED lighting assists with the presentation and sale of frozen products and throws a perfect light on the goods.

Monitoring and connection. More safety and convenience: alongside a temperature alarm, the monitoring system continuously registers whether the appliance is in operation, and it sends a message in the event of an error. Safe storage is additionally supported by the operating hours counter, the door opening statistics and the condenser sensor.

Controls protected by magnetic chip. No incorrect adjustment possible: to prevent the controls from being adjusted, they can only be unlocked by means of a magnetic chip.



Quick and easy to open. Door open, door closed – and fast: the ergonomic bar handle makes the Freezer Top quick and easy to open. That way, customers can quickly access the appealingly presented products.

Efficient and environmentally friendly. Energy-efficient thanks to natural refrigerants: the Freezer Top protects the environment through use of HFC-free components and the natural, high-performance refrigerant R290. To save energy, the interior fan switches off briefly when the door is opened.

Meeting at eye level – improve turnover with perfect product presentation

With the Freezer Top, Liebherr is raising frozen foods to a whole new level. Thanks to a perfect presentation of goods, people and products now “meet” at eye level ... Thanks to an optimised use of space, the Freezer Top is an ideal addition to any existing island portfolio and contributes considerably to our customers’ sales success. It impresses with efficiency and puts products at the centre of attention thanks to attractive and individually adjustable LED interior lighting.



Self-closing doors
Thanks to its self-closing mechanism, the door helps to save energy and contributes to the efficient operation of the appliance. It also remains free from condensation, so there is always a perfect view of the goods. At an opening angle of 90°, the door stays open and makes it possible for staff to conveniently stock the Freezer Top with goods.

Automatic defrosting
The defrosting process is initiated and performed automatically at regular intervals. This saves time and money.



LED lighting
The colour-adaptable LED lighting assists with the appealing presentation and sale of frozen products and throws a perfect light on the goods.

Bar handle
The professional bar handle is ergonomically attached and makes the Freezer Top quick and easy to open. That way, customers can quickly access the appealingly presented products.



Adjustable shelves
Continuously height-adjustable shelves allow the Freezer Top to be adapted to the conditions on site, at any place and time. This allows customers' product presentation needs and requirements to be met.



Freezer Top

Width
Total gross/net capacity
Total display area in m² (TDA) *
Exterior dimensions in mm (w/d/h)
Interior dimensions in mm (w/d/h)
Energy consumption in 24 h **
Climate rating
Ambient temperature range
Refrigerant
Connection rating
Frequency/voltage
Cooling system
Defrost
Temperature range
External cabinet finish
Lid material
Internal liner material
Type of control
Temperature display
Interior light
Fault: warning signal
Interface
Volt-free alarm contact
Adjustable shelves
Material of internal fittings
Handle
Insulation
Gross/net weight

* Measured to EN 23953 ** Measured at 25 °C

SFT 1223

2500 mm
1160/755 litre
1.77
2500/760/1430
2380/400/800
8.900
3
+16°C to +25°C
R 290
4.5 A
50/60 Hz/220–240V~
forced-air
automatic
–18°C to –23°C
steel/grey
glass door
white coated aluminium
Touch-controller
internal digital
LED lighting
visual
CAN-BUS
yes
4
Clear-coated wire
ergonomic slimline handle
60 mm
428/400 kg

LED

	2500/850/890 mm	2100/850/890 mm	Island end unit 1800/850/890 mm	
Freezing	SGTm 1172	SGTm 972	SGTEm 872	
Refrigeration and Freezing	STm 1172	STm 972	STEm 872	
Freezing	SGTm 1152	SGTm 952	STEm 852	
Refrigeration and Freezing	STm 1152	STm 952		
	2500/850/840 mm	2100/850/840 mm	1800/850/840 mm	
Freezing	SGTs 1072	SGTs 872	SGTEs 772	
Refrigeration and Freezing	STs 1072	STs 872	STEs 772	
Freezing	SGTs 1052	SGTs 852	STEs 752	
Refrigeration and Freezing	STs 1052	STs 852		
	2500/1050/1008 mm	2500/1050/1008 mm		2100/1050/943 mm
Freezing	SGT 1322	SGT 1122		
Refrigeration and Freezing	ST 1322	ST 1122		STE 1122
	2500/760/1430 mm			
Freezing Freezer Top	SFT 1223			

Installation configurations

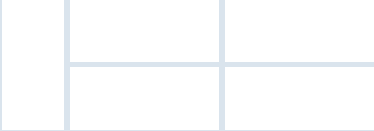
The units can be installed in various layouts:

- As a stand-alone unit

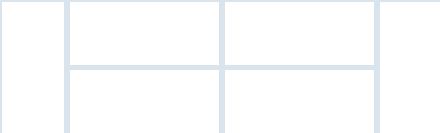
The appliance must be placed against a wall



- As a refrigerator/freezer island with 1 or 2 end units



or

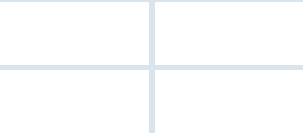


- Lined in a single row

The appliance must be placed against a wall



- As an island without end units



Liebherr is highly committed to quality and reliability. One way that we achieve this is by offering you outstanding performance, in terms of service and logistics, through our global network of sales and service partners:



Service

Liebherr offers comprehensive service support throughout the entire working life of its plug-in island chillers and freezers. The key advantages:

Germany:

- Our nationwide service network guarantees that we are never far away
- Fast service reaction times
- Accessories and spare parts can be ordered from the Liebherr online ordering system 24 hours a day, 7 days a week
- Analyses of the chest appliances currently in use can be accessed at any time

Complete service

Our distribution partners work closely with the installation company of your choice. Together we manage all the logistics processes and supply you with an appliance island that is ready for operation, thus ensuring that there is no interruption of your sales activities.



Safety and transparency

By connecting to the monitoring system, authorised individuals can quickly and cost-effectively access your appliances. Remote access enables us to conduct fault analyses, configure parameters and settings, and even to perform complete software updates with great speed, and without our service team needing to be present on site.

Speed

Not only do our distribution partners ensure installation of the plug-in island chillers and freezers, they also attend quickly in the event of faults or breakdowns.

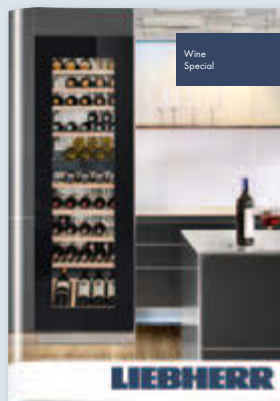
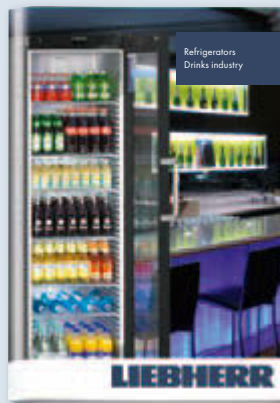


Proactivity

We can use remote maintenance to read the relevant appliance parameters and record them in the monitoring system. Any malfunctions will be detected at an early stage so that the necessary action can be planned and implemented.

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.



Smart communication on all fronts



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.



apps.home.liebherr.com

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



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



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



socialmedia.home.liebherr.com

Learn all about our current social media channels.

Subject to alterations. Current data see home.liebherr.com.
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