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Subject to alterations.



Frozen Food & Ice Cream
2021

Quality, Design and Innovation

LIEBHERR

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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 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.

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 effect



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.

The advantages at a glance



The **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.

Combining plastic aluminium frame for dimensional stability with rounded corners for hygienic purpose and user protection in an attractive modern design.



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

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.

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



Profiled seals allow easy lid opening and closing.



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



The **lid lock** prevents unauthorised access.



Analogue internal temperature display at load-line level with adjustable range between -10 °C and -24 °C to suit individual needs.



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.



Smooth-running sliding glass lid.

The curved sliding glass lids on the EFI chests are made of toughened, single-pane safety glass. The lid halves are easy to move thanks to profiled seals and the plastic frame heated by hot gas from the compressor.



Insulated sliding lid.

The sliding foam lids range are extremely robust thanks to the composite aluminium and rigid PVC cover. The top is protected with a scratch-resistant aluminium worktop. Insulated sliding foam lid is available as an alternate option to the flat sliding glass lids. 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.



Stability and design.

Combining plastic parts at the side with connecting aluminium profiles, the cover frame of the EFI and EFE models are very attractive in appearance. The steel inner liner with rounded corners is easy to clean, rust-free and scratch-resistant. Thanks to the steel material, it possesses outstanding thermal conductivity.



High-impact product presentation.

EFI / EFE 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.



Glass canopy.

The robust glass fixture made from toughened safety glass protects ice cream from contamination when selling and helps to ensure goods are presented in an attractive manner. The extra deep front of the glass fixture ensures excellent visibility of products and means that customers always have a good view of the wares presented from a range of different angles. The LED interior lights in appliances EFI 3553 and EFI 4853 also contribute to this. Wafer holders, serviettes and any other of the typical ice cream accessories can be conveniently placed on the fl at shelf area. (Only accessories)



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.

Swivel castors make transport easier especially when the chest appliances have to be moved frequently. All EFE / EFI models are equipped with high-quality non-marking polyurethane 50-mm swivel castors.



Impulse sales chest freezers	EFI 5653 LED	EFI 4853 LED	EFI 4453 LED
Also available Models without LED lighting			
Total gross / net capacity	558 / 408 litre	488 / 356 litre	417 / 303 litre
Exterior dimensions in mm (w/d/h)	1885/680/825	1675/680/825	1465/680/825
Interior dimensions in mm (w/d/h)	1760/535/490	1550/535/490	1340/535/490
Energy consumption in 365 days ¹	1206 kWh	987 kWh	765 kWh
Ambient temperature range	+10 °C to +35 °C	+10 °C to +35 °C	+10 °C to +35 °C
Refrigerant	R 290	R 290	R 290
Sound power level	52 dB(A)	52 dB(A)	52 dB(A)
Connection rating	2.5 A	2.5 A	2.5 A
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	–10 °C to –24 °C	–10 °C to –24 °C	–10 °C to –24 °C
Lid material	curved glass slide-lid	curved glass slide-lid	curved glass slide-lid
External cabinet finish	steel / white	steel / white	steel / white
Internal liner material	steel	steel	steel
Frame colour	grey	grey	grey
Type of control	analogue control	analogue control	analogue control
Temperature display	internal analogue	internal analogue	internal analogue
Interior light	LED	LED	LED
Number of baskets	0	0	0
Number of baskets, max (see picture)	8	7	6
Castors	swivel castors	swivel castors	swivel castors
Lock	can be retrofitted	can be retrofitted	can be retrofitted
Insulation	60 mm	60 mm	60 mm
Water drain	yes	yes	yes
Gross / net weight	90.7 / 80.9 kg	89.5 / 79.9 kg	76.4 / 67.4 kg
Accessories			
Basket 270 mm	7111009	7111009	7111009
Basket 210 mm	7111039	7111039	7111039
Partition grid 270 mm / High grid	7111031	7111031	7111031
Partition grid 270 mm / Low grid	7111033	7111033	7111033
Partition grid 210 mm / High grid	7111784	7111784	7111784
Partition grid 210 mm / Low grid	7111787	7111787	7111787
Rubber bumpers, grey	7266707	7266707	7266707
Cylinder lock for glass sliding lid	7043660	7043660	7043660
Glass canopy		9809162	
Baskets for scoop ice cream containers	on request	on request	on request
Scanner rail	7652174	7652066	7652065

¹ Measured with light switched off



Impulse sales chest freezers	EFI 3553 LED	EFI 2853 LED	EFI 2153 LED	EFI 1453 LED
Also available Models without LED lighting				
Total gross / net capacity	EFI 3503 347 / 250 litre	EFI 2803 276 / 197 litre	EFI 2103 206 / 145 litre	EFI 1403 135 / 91 litre
Exterior dimensions in mm (w/d/h)	1255/680/825	1045/680/825	835/680/825	625/680/825
Interior dimensions in mm (w/d/h)	1130/535/656	920/535/490	710/535/490	500/535/490
Energy consumption in 365 days ¹	726 kWh	594 kWh	471 kWh	402 kWh
Ambient temperature range	+10 °C to +35 °C	+10 °C to +35 °C	+10 °C to +35 °C	+10 °C to +35 °C
Refrigerant	R 290	R 290	R 290	R 600a
Sound power level	52 dB(A)	42 dB(A)	42 dB(A)	42 dB(A)
Connection rating	1.5 A	1.5 A	1.5 A	1.5 A
Frequency / voltage	50 Hz / 220 – 240V~	50 Hz / 220 – 240V~	50 Hz / 220 – 240V~	50 Hz / 220 – 240V~
Cooling system	static	static	static	static
Defrost	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
Lid material	curved glass slide-lid	curved glass slide-lid	sliding glass lid	sliding glass lid
External cabinet finish	steel / white	steel / white	steel / white	steel / white
Internal liner material	steel	steel	steel	steel
Frame colour	grey	grey	grey	grey
Type of control	analogue control	analogue control	analogue control	analogue control
Temperature display	internal analogue	internal analogue	internal analogue	internal analogue
Interior light	LED	LED	LED	LED
Number of baskets	0	0	0	0
Number of baskets, max (see picture)	5	4	3	2
Castors	swivel castors	swivel castors	swivel castors	swivel castors
Lock	can be retrofitted	can be retrofitted	can be retrofitted	can be retrofitted
Insulation	60 mm	60 mm	60 mm	60 mm
Water drain	yes	yes	yes	yes
Gross / net weight	68.5 / 60.4 kg	61.1 / 53.6 kg	56.3 / 49.6 kg	47.1 / 41.3 kg
Accessories				
Basket 270 mm	7111009	7111009	7111009	7111009
Basket 210 mm	7111039	7111039	7111039	7111039
Partition grid 270 mm / High grid	7111031	7111031	7111031	7111031
Partition grid 270 mm / Low grid	7111033	7111033	7111033	7111033
Partition grid 210 mm / High grid	7111784	7111784	7111784	7111784
Partition grid 210 mm / Low grid	7111787	7111787	7111787	7111787
Rubber bumpers, grey	7266707	7266707	7266707	7266707
Cylinder lock for glass sliding lid	7043660	7043660	7043660	7043660
Glass canopy	9809160			
Baskets for scoop ice cream containers	on request	on request	on request	on request
Scanner rail	7652064	7652063	7652062	7652061

¹ Measured with light switched off



Sales chest freezers	EFE 6052 LED	EFE 5152 LED	EFE 4652 LED	EFE 3852 LED
Also available Models without LED lighting				
Total gross / net capacity	EFE 6002 593 / 457 litre	EFE 5102 519 / 398 litre	EFE 4602 444 / 340 litre	EFE 3802 369 / 280 litre
Exterior dimensions in mm (w/d/h)	1885 / 680 / 825	1675 / 680 / 825	1465 / 680 / 825	1255 / 680 / 825
Interior dimensions in mm (w/d/h)	1760 / 535 / 523	1555 / 535 / 523	1340 / 535 / 523	1130 / 535 / 523
Energy consumption in 365 days ¹	1112 kWh	910 kWh	751 kWh	620 kWh
Ambient temperature range	+10 °C to +35 °C	+10 °C to +35 °C	+10 °C to +35 °C	+10 °C to +35 °C
Refrigerant	R 290	R 290	R 290	R 290
Sound power level	52 dB(A)	52 dB(A)	52 dB(A)	52 dB(A)
Connection rating	2.5 A	2.5 A	2.5 A	1.5 A
Frequency / voltage	50 Hz / 220 – 240V~	50 Hz / 220 – 240V~	50 Hz / 220 – 240V~	50 Hz / 220 – 240V~
Cooling system	static	static	static	static
Defrost	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
Lid material	sliding glass lid	sliding glass lid	sliding glass lid	sliding glass lid
External cabinet finish	steel / white	steel / white	steel / white	steel / white
Internal liner material	steel	steel	steel	steel
Frame colour	grey	grey	grey	grey
Type of control	analogue control	analogue control	analogue control	analogue control
Temperature display	internal analogue	internal analogue	internal analogue	internal analogue
Interior light	LED	LED	LED	LED
Number of baskets	0	0	0	0
Number of baskets, max	8	7	6	5
Castors	swivel castors	swivel castors	swivel castors	swivel castors
Lock	can be retrofitted	can be retrofitted	can be retrofitted	can be retrofitted
Insulation	60 mm	60 mm	60 mm	60 mm
Water drain	yes	yes	yes	yes
Gross / net weight	92.1 / 81.9 kg	88.9 / 79.2 kg	76.9 / 70.1 kg	69.3 / 61.2 kg
Accessories				
Basket 270 mm	7111011	7111011	7111011	7111011
Basket 210 mm	7111041	7111041	7111041	7111041
Partition grid 270 mm	7111029	7111029	7111029	7111029
Partition grid 210 mm	7111784	7111784	7111784	7111784
Rubber bumpers, grey	7266707	7266707	7266707	7266707
Cylinder lock for glass sliding lid	7043660	7043660	7043660	7043660
Baskets for scoop ice cream containers	on request	on request	on request	on request
Scanner rail	7652174	7652066	7652065	7652064

¹ Measured with light switched off



Sales chest freezers	EFE 3052 LED	EFE 2252 LED	EFE 1552 LED	EFE 1152 LED
Also available Models without LED lighting				
Total gross / net capacity	EFE 3002 294/222 litre	EFE 2202 220/163 litre	EFE 1502 145/105 litre	EFE 1102 108/84 litre
Exterior dimensions in mm (w/d/h)	1045/680/825	835/680/825	625/680/825	751/481/825
Interior dimensions in mm (w/d/h)	920/535/523	710/535/523	500/535/523	605/315/657
Energy consumption in 365 days ¹	529 kWh	422 kWh	370 kWh	324 kWh
Ambient temperature range	+10 °C to +35 °C	+10 °C to +35 °C	+10 °C to +35 °C	+10 °C to +35 °C
Refrigerant	R 290	R 600a	R 600a	R 600a
Sound power level	42 dB(A)	42 dB(A)	42 dB(A)	42 dB(A)
Connection rating	1.5 A	1.5 A	1.5 A	1.5 A
Frequency / voltage	50 Hz/220–240V~	50 Hz/220–240V~	50 Hz/220–240V~	50 Hz/220–240V~
Cooling system	static	static	static	static
Defrost	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
Lid material	sliding glass lid	sliding glass lid	sliding glass lid	sliding glass lid
External cabinet finish	steel / white	steel / white	steel / white	steel / white
Internal liner material	steel	steel	steel	steel
Frame colour	grey	grey	grey	grey
Type of control	analogue control	analogue control	analogue control	analogue control
Temperature display	internal analogue	internal analogue	internal analogue	internal analogue
Interior light	LED	LED	LED	LED
Number of baskets	0	0	0	0
Number of baskets, max	4	3	2	3
Castors	swivel castors	swivel castors	swivel castors	swivel castors
Lock	can be retrofitted	can be retrofitted	can be retrofitted	can be retrofitted
Insulation	60 mm	60 mm	60 mm	60 mm
Water drain	yes	yes	yes	yes
Gross / net weight	61.8/54.4 kg	55.1/48.4 kg	48.5/42.6 kg	42.7/39 kg
Accessories				
Basket 270 mm	7111011	7111011	7111011	
Basket 210 mm	7111041	7111041	7111041	
Basket 195 mm				7112788
Partition grid 270 mm	7111029	7111029	7111029	
Partition grid 210 mm	7111784	7111784	7111784	
Partition grid 195 mm				
Rubber bumpers, grey	7266707	7266707	7266707	7111712
Cylinder lock for glass sliding lid	7043660	7043660	7043660	7266707
Baskets for scoop ice cream containers	on request	on request	on request	7043660
Scanner rail	7652063	7652062	7652061	7652176

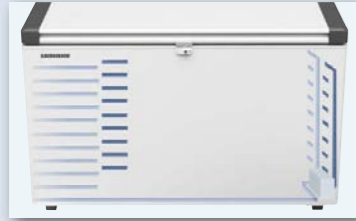
¹ Measured with light switched off



Sales chest freezers	EFE 5100	EFE 4600	EFE 3800	EFE 3000	EFE 2200	EFE 1500
Total gross / net capacity	503/449 litre	444/382 litre	369/316 litre	294/251 litre	220/186 litre	145/120 litre
Exterior dimensions in mm (w/d/h)	1675/680/840	1465/680/840	1255/680/840	1045/680/840	835/680/840	625/680/840
Interior dimensions in mm (w/d/h)	1550/535/585	1340/535/585	1130/535/585	920/535/585	710/535/585	500/535/585
Energy consumption in 365 days	796 kWh	621 kWh	377 kWh	360 kWh	380 kWh	332 kWh
Ambient temperature range	+10 °C to +35 °C	+10 °C to +35 °C	+10 °C to +35 °C	+10 °C to +35 °C	+10 °C to +35 °C	+10 °C to +35 °C
Refrigerant	R 290	R 290	R 290	R 290	R 600	R 600a
Sound power level	52 dB(A)	52 dB(A)	52 dB(A)	42 dB(A)	42 dB(A)	42 dB(A)
Connection rating	2.5 A	2.5 A	1.5 A	1.5 A	1.5 A	1.5 A
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
Lid material	aluminium sliding lid	aluminium sliding lid	aluminium sliding lid	aluminium sliding lid	aluminium sliding lid	aluminium sliding lid
External cabinet finish	steel / white	steel / white	steel / white	steel / white	steel / white	steel / white
Internal liner material	steel	steel	steel	steel	steel	steel
Frame colour	grey	grey	grey	grey	grey	grey
Type of control	analogue control	analogue control	analogue control	analogue control	analogue control	analogue control
Temperature display	internal analogue	internal analogue	internal analogue	internal analogue	internal analogue	internal analogue
Number of baskets	0	0	0	0	0	0
Number of baskets, max	7	6	5	4	3	2
Castors	swivel castors	swivel castors	swivel castors	swivel castors	swivel castors	swivel castors
Lock	can be retrofitted	can be retrofitted	can be retrofitted	can be retrofitted	can be retrofitted	can be retrofitted
Insulation	60 mm	60 mm	60 mm	60 mm	60 mm	60 mm
Water drain	yes	yes	yes	yes	yes	yes
Gross / net weight	87.9 / 75.2 kg	73.2 / 63.4 kg	66.1 / 57 kg	58.5 / 51 kg	52.2 / 47.5 kg	47.8 / 42 kg
Accessories						
Basket 270 mm	7111011	7111011	7111011	7111011	7111011	7111011
Basket 210 mm	7111041	7111041	7111041	7111041	7111041	7111041
Partition grid 270 mm	7111029	7111029	7111029	7111029	7111029	7111029
Partition grid 210 mm	7111784	7111784	7111784	7111784	7111784	7111784
Rubber bumpers, grey	7266707	7266707	7266707	7266707	7266707	7266707
Cylinder lock for foamed lid	7042835	7042835	7042835	7042835	7042835	7042835
Baskets for scoop ice cream containers	on request	on request	on request	on request	on request	on request
Scanner rail	7652066	7652065	7652064	7652063	7652062	7652061

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.



Full length recess **handle** allowed user to lift up the door lid at any position. Especially for big unit that can give advantage towards user to lift up the door lid by both hand.

Highly effective insulation prevents energy loss and supports the excellent energy efficiency of the chest freezers. The insulation of the freezers consists of 60-mm-thick, HFC-free polyurethane foam.

The steel **housing** is very sturdy, scratch- and impact-resistant.



The **perfect foaming** of the housing ensures that the chest freezers have the necessary cold reserves even at high ambient temperatures.



The **steel inner liner** with rounded corners is easy to clean and meets hygiene requirements.



The **lock** prevents unauthorised access.



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 -10°C and -24°C to suit individual needs.

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



Smooth-running, **swivel castors** with 50-mm wheel diameter are used for excellent manoeuvrability. The stable castors are individually screw-fitted and can be changed without difficulty.



EFL 3805



Chest Freezers	EFL 6005	EFL 4605	EFL 3805	EFL 3005	EFL 1505
Total gross / net capacity	574 / 489 litre	430 / 364 litre	356 / 302 litre	284 / 240 litre	136 / 115 litre
Exterior dimensions in mm (w/d/h)	1885 / 680 / 825	1465 / 680 / 825	1255 / 680 / 825	1045 / 680 / 825	625 / 680 / 825
Interior dimensions in mm (w/d/h)	1760 / 535 / 622	1340 / 535 / 622	1130 / 535 / 622	920 / 535 / 622	500 / 535 / 622
Energy consumption in 365 days	413 kWh	358 kWh	398 kWh	345 kWh	244 kWh
Ambient temperature range	+10 °C to +35 °C	+10 °C to +25 °C	+10 °C to +35 °C	+10 °C to +35 °C	+10 °C to +35 °C
Refrigerant	R 290	R 290	R 600a	R 600a	R 600a
Sound power level	42 dB(A)	42 dB(A)	42 dB(A)	42 dB(A)	42 dB(A)
Connection rating	1.5 A	1.5 A	1.5 A	1.5 A	1.5 A
Frequency / voltage	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
Defrost	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
Lid material	steel	steel	steel	steel	steel
External cabinet finish	steel / white	steel / white	steel / white	steel / white	steel / white
Internal liner material	steel	steel	steel	steel	steel
Frame colour	white	white	white	white	white
Type of control	analogue control	analogue control	analogue control	analogue control	analogue control
Temperature display	external analogue	external analogue	external analogue	external analogue	external analogue
Number of baskets	0	0	0	0	0
Number of baskets, max	8	6	5	4	2
Handle	recessed grip	recessed grip	recessed grip	recessed grip	recessed grip
Castors	swivel castors	swivel castors	swivel castors	swivel castors	swivel castors
Lock	fitted	fitted	fitted	fitted	fitted
Insulation	60 mm	60 mm	60 mm	60 mm	60 mm
Water drain	yes	yes	yes	yes	yes
Gross / net weight	99 / 89 kg	90 / 81 kg	85 / 77 kg	75 / 68 kg	47 / 41 kg
Accessories					
Basket 270 mm	7111045	7111045	7111045	7111045	7111045
Basket 210 mm	7111047	7111047	7111047	7111047	7111047
Rubber bumpers, grey	7266707	7266707	7266707	7266707	7266707

The advantages at a glance



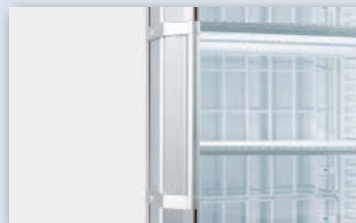
The **display illuminated by energy-efficient LEDs** attracts attention to the appliance and its contents. The display panel can be customised and switched in parallel with the interior light. In addition, specific branding attracts attention to a brand or products. A wide variety of colour options is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



The **vertical LED lighting mounted on one side** ensures bright illumination of the interior and supports sales promotion with optimum product presentation. Optional for both sides available upon request.



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 Variante E76

No Frost LED

Fv 3643 Variante E76

No Frost LED

Forced-air display freezers	FDv 4643 Variante E76	Fv 3643 Variante E76
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
Ambient temperature range	+10 °C to +30 °C	+10 °C to +30 °C
Refrigerant	R 290	R 290
Sound power level	62 dB(A)	62 dB(A)
Connection rating	4.4 A	4.4 A
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 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	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	67 mm	67 mm
Gross / net weight	154 / 141 kg	136 / 125 kg
Accessories		
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

Baskets

Products can be presented in a clearly sorted arrangement with the suspended baskets.



Partition grid

The partition grids for baskets support optimum product presentation and allow flexible organisation of the interior.



Lid lock

A lid lock can be installed on all models to secure the contents of the chest freezers.



Rubber bumpers

Rubber bumpers can be fixed to provide better ventilation when freezers are placed next to each other and to avoid damages during moving.



Glass fixture

The robust glass fixture made from toughened safety glass protects ice cream from contamination when selling and helps to ensure goods are presented in an attractive manner. The extra deep front of the glass fixture ensures excellent visibility of products and means that customers always have a good view of the wares presented from a range of different angles. The LED interior lights in appliances EFI 3553 and EFI 4853 also contribute to this. Wafer holders, serviettes and any other of the typical ice cream accessories can be conveniently placed on the flat shelf area.



Wire basket for scoop-ice containers

The sturdy wire baskets for scoop-ice containers are specially configured for the EFI/EFE 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.



Section: Forced-air display freezers

Baskets

These heavy-duty baskets have capacities of 30 litres.



Partition grid for baskets

The partition grids for baskets support optimum product presentation and allow flexible organisation of the interior.



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.



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.



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.



For frozen display without compromise

Liebherr's compact yet spacious CounterTop appliances enhance your sales where space is limited. In bars, restaurants or on sales counters - the Liebherr CounterTop appliances attract impulse purchases of beverages and ice creams. They combine the flexible use of storage space, bright and efficient LED lighting and maximum product visibility. Customised

colour schemes and unique branding possibilities ensure the focus is on what's most important - the products for sale. Low energy consumption, compact design, flexible use and robust build-quality are also good reasons to choose Liebherr CounterTop appliances.



Vertical LED interior light.

Ideal for the attractive product presentation. The LED light column is integrated in the side wall and ensures attractive illumination. The focus is therefore always on the products.



Temperature display.

The LED temperature display is integrated in the front panel of the CounterTop Fv 913. The temperature can be precisely set and clearly displayed.



Fan-assisted cooling.

On the CounterTop appliances BCv 1103 and Fv 913, highly efficient fans ensure that contents are frozen or cooled rapidly, guaranteeing uniform temperature distribution throughout the entire interior. Liebherr's dynamic cooling system is a huge advantage during events when appliances are frequently restocked.



Door profiles, recessed grip, replaceable gaskets.

Aluminium door profiles with a continuous recessed grip are not only elegant, they also make the door easier to open. The replaceable door gasket adds to the efficient operation. It can easily be inserted, cleaned or replaced, thus enabling perfect hygiene.



Replaceable door hinge.

The CounterTop appliances are right hand hinged as standard and can be changed to the left if necessary. They can be adapted on site to suit each location.



Wire shelves.

The plastic-coated grid shelves are height-adjustable in 15 mm increments and the interior can be arranged and used in a variable manner depending on the size of the products. This means the customers always have easy access to the contents. The shelves are close-meshed for even small items and extremely resilient so that products are always stored securely. There is also a bar across the front of the shelf to prevent items falling out.

Section: CounterTop appliances

Stacking kit

To make best use of the available space, with the stacking kit the CounterTop appliances Fv 913 and F 913 can be combined on top of, or next to one another.



CounterTop appliances

Total gross / net capacity	93/66 litre	93/77 litre
Exterior dimensions in mm (w/d/h)	497/558/816	497/558/816
Interior dimensions in mm (w/d/h)	417/391/611	377/430/611
Energy consumption in 365 days ¹	1008 kWh	811 kWh
Ambient temperature range	+10 °C to +35 °C	+10 °C to +30 °C
Refrigerant	R 290	R 290
Sound power level	60 dB(A)	50 dB(A)
Connection rating	1.5 A	1.5 A
Frequency / voltage	50 Hz / 220–240V~	50 Hz / 220–240V~
Cooling system	forced-air	static
Defrost	automatic	manual
Temperature range	-10 °C to -25 °C	-10 °C to -25 °C
External cabinet finish	steel / silver	steel / silver
Door material	glass door	glass door
Internal liner material	steel	steel
Type of control	electronic controller	analogue control
Temperature display	external digital	internal analogue
Interior light	LED light column on right	LED light column on right
Fault: warning signal	visual and audible	
Adjustable shelves	2	2
Shelf material	wire shelves plastic-coated	wire shelves plastic-coated
Shelf loading	30 kg	30 kg
Handle	recessed grip	recessed grip
Lock	fitted	fitted
Self-closing door	yes	yes
Door hinges	right, reversible on site	right, reversible on site
Insulation	60 mm	60 mm
Gross / net weight	47.8 / 45.3 kg	47.8 / 45.3 kg
Accessories		
Set of connection elements, left, white	9875023	9875023
Set of connection elements, right, white	9875025	9875025
Set of connection elements, left, silver	9875167	9875167
Set of connection elements, right, silver	9875197	9875197
Scanner rail	7444051	7444051
Shelf, plastic-coated	7113033	7113035

Fv 913 Premium
Freezer

No Frost LED

F 913
Freezer

LED

Scanner rails

The scanner rails are clipped onto the shelves and can be changed quickly. Scan codes or individual advertising messages can also be shown here in an easy-to-read position. To help when removing products, the flexible scanner rails fold upwards.

