





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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Climate class definitions

Climate class 3: Ambient temperatures from $+10^{\circ}$ C to $+25^{\circ}$ C Climate class 4: Ambient temperatures from $+10^{\circ}$ C to $+30^{\circ}$ C Climate class 5: Ambient temperatures from $+10^{\circ}$ C to $+40^{\circ}$ C Climate class 7: Ambient temperatures from $+10^{\circ}$ C to $+35^{\circ}$ C

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 ultramodern 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, smoothrunning 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 from the ice cream and impulse chest area. 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.



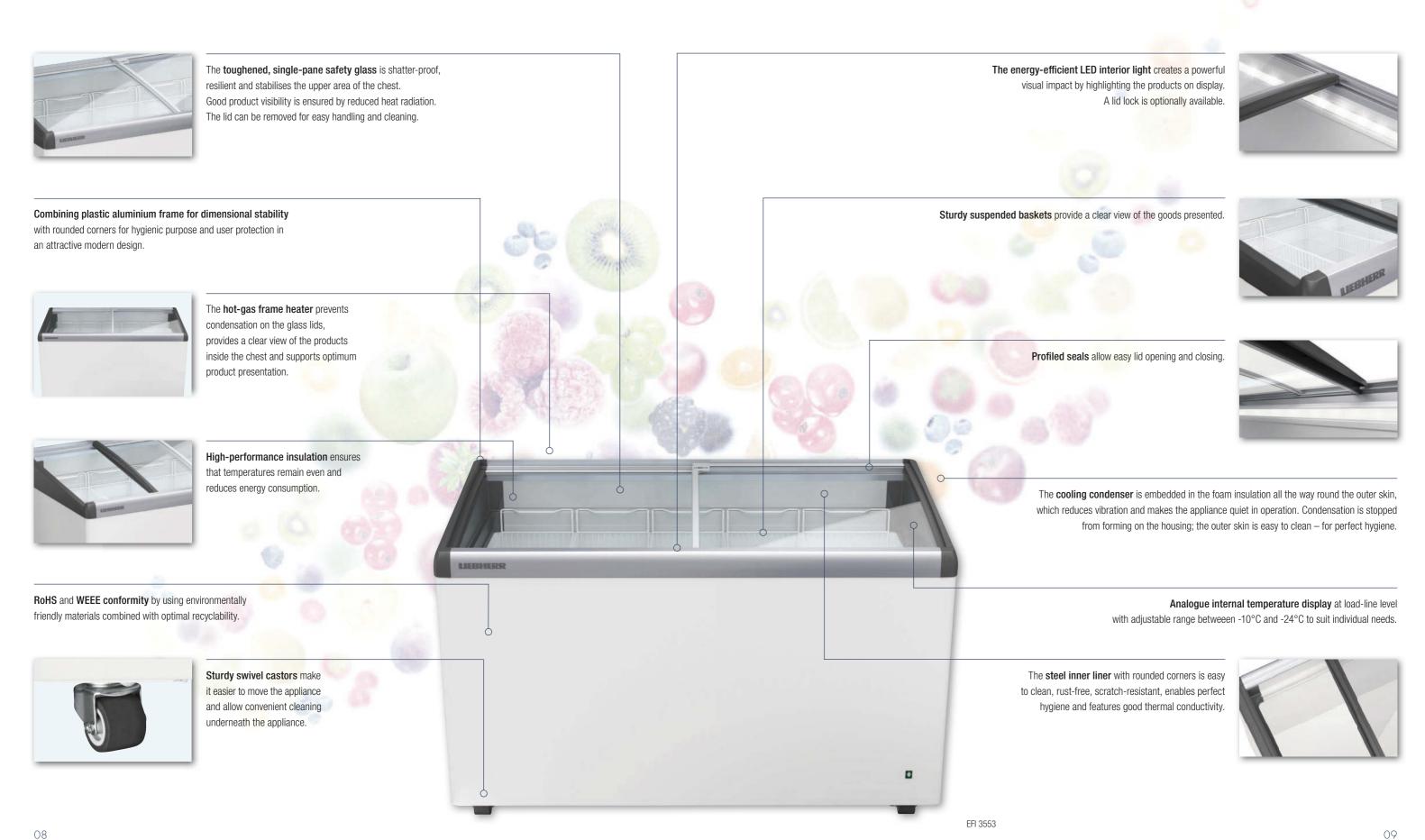
Lenticular method



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



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 solid lids on the EFE ..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.



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.



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.

•



Easy-care steel inner liner.

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.



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







EFI 4453

Total gross/net capacity	558/408 litre	488/356 litre	417/303 litre
Exterior dimensions in mm (w/d/h) 1	1885/680/825	1675/680/825	1465/680/825
nterior dimensions in mm (w/d/h)	1760/535/656	1550/535/656	1340/535/656
Energy consumption in 365 days ²	1206 kWh	987 kWh	765 kWh
Climate rating	7	7	7
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
Door/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	70 mm	60 mm
Water drain	yes	yes	yes
Gross/net weight	90.9/80.7 kg	89.5/80 kg	76.6/67.7 kg
Also available without interior light as	EFI 5603	EFI 4803	EFI 4403
Accessories			
Basket 250 mm	7111767	7111767	7111767
Basket 210 mm	7111766	7111766	7111766
Partition grid 250 mm	7113720	7113720	7113720
Partition grid 210 mm	7113714	7113714	7113714
Lid lock	9092760	9092760	9092760
0	9096736	9096736	9096736
Cone protector 210 stanting CP1			
Cone protector 210 slanting CPT Rubber bumpers, grey	7266707	7266707	7266707

EFI 4853

1 Depth, incl. distance to wall 2 Measured with light switched off







Impulse sales chest freezers	EFI 3553	EFI 2853	EFI 2153	LED EFI 1453	LED
Total gross/net capacity	347/250 litre	276/197 litre	206/145 litre	135/91 litre	
Exterior dimensions in mm (w/d/h) 1	1255/680/825	1045/680/825	835/680/825	625/680/825	
Interior dimensions in mm (w/d/h)	1130/535/656	920/535/656	710/535/656	500/535/656	
Energy consumption in 365 days ²	726 kWh	594 kWh	471 kWh	402 kWh	
Climate rating	7	7	7	7	
Refrigerant	R 290	R 290	R 600a	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	
Door/lid material	curved glass slide-lid	curved glass slide-lid	curved glass slide-lid	curved glass slide-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	68.6/60.4 kg	61.3/53.8 kg	54.2/47.5 kg	47.4/41.6 kg	
Also available without interior light as	EFI 3503	EFI 2803	EFI 2103	EFI 1403	
Accessories					
Basket 250 mm	7111767	7111767	7111767	7111767	
Basket 210 mm	7111766	7111766	7111766	7111766	
Partition grid 250 mm	711700	711700	711700	7113720	
Partition grid 210 mm	7113720	7113714	7113720	7113720	
Lid lock	9092760	9092760	9092760	9092760	
Cone protector 210 slanting CPT	9096736	9092760	9096736	9096736	
Rubber bumpers, grey	7266707	7266707	7266707	7266707	
Swivel castors with brake	7044750	7044750	7044750	7044750	
OWING CASIOIS WILL DIANG	1044100	1044130	1044130	1044100	

1 Depth, incl. distance to wall 2 Measured with light switched off



Sales chest freezers	EFE 6052	EFE 4652	EFE 3852	EFE 3052	EFE 2252	EFE 1552	EFE 1152	LED
Total gross/net capacity	593/457 litre	444/340 litre	369/280 litre	294/222 litre	220/163 litre	145/105 litre	108/84 litre	
Exterior dimensions in mm (w/d/h) 1	1885/680/825	1465/680/825	1255/680/825	1045/680/825	835/680/825	625/680/825	751/481/825	
Interior dimensions in mm (w/d/h)	1760/535/658	1340/535/658	1130/535/658	920/535/658	710/535/658	500/535/658	605/315/657	
Energy consumption in 365 days ²	1112 kWh	751 kWh	620 kWh	529 kWh	422 kWh	370 kWh	324 kWh	
Climate rating	7	7	7	7	7	7	7	
Refrigerant	R 290	R 290	R 290	R 290	R 600a	R 600a	R 600a	
Sound power level	52 dB(A)	52 dB(A)	52 dB(A)	42 dB(A)	42 dB(A)	42 dB(A)	42 dB(A)	
Connection rating	2.5 A	2.5 A	1.5 A					
Frequency/voltage	50 Hz/220-240V~							
Cooling system	static							
Defrost	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	−10°C to −24°C	
Door/lid material	sliding glass lid	glass						
External cabinet finish	steel/white							
Internal liner material	steel							
Frame colour	grey							
Type of control	analogue control	analogue control	analogue control	analogue control	analogue control	analogue control	analogue control	
Temperature display	internal analogue	external analogue						
Interior light	LED							
Number of baskets	0	0	0	0	0	0	0	
Number of baskets, max (see picture)	8	6	5	4	3	2	3	
Castors	swivel castors	swivel castors	swivel castors	swivel castors	swivel castors	swivel castors	swivel castors	
Lock	can be retrofitted							
Insulation	60 mm	70 mm						
Water drain	yes							
Gross/net weight	92.5/82.3 kg	78/69.1 kg	69.8/61.6 kg	62.2/54.7 kg	55.3/48.7 kg	48.7/42.9 kg	58.7/55 kg	
Also available without interior light as	EFE 6002	EFE 4602	EFE 3802	EFE 3002	EFE 2202	EFE 1502	EFE 1102	
Accessories								
Basket 250 mm	7111769	7111769	7111769	7111769	7111769	7111769	7111769	
Basket 210 mm	7111768	7111768	7111768	7111768	7111768	7111768	7111768	
Partition grid 250 mm	7111714	7111714	7111714	7111714	7111714	7111714	7111714	
Partition grid 210 mm	7111706	7111706	7111706	7111706	7111706	7111706	7111706	
Lid lock	9092760	9092760	9092760	9092760	9092760	9092760	9092760	
Cone protector 210 slanting CPT	9096738	9096738	9096738	9096738	9096738	9096738	9096738	
Rubber bumpers, grey	7266707	7266707	7266707	7266707	7266707	7266707	7266707	
Swivel castors with brake	7044750	7044750	7044750	7044750	7044750	7044750	7044750	

1 Depth, incl. distance to wall
2 Measured with light switched off

The advantages at a glance





Chest Freezers	EFL 5705	EFL 5005	EFL 4205	EFL 3505	EFL 2805	EFL 2105
Total gross/net capacity	537/502 litre	468/438 litre	399/373 litre	330/308 litre	261/244 litre	193/179 litre
Exterior dimensions in mm (w/d/h) ¹	1891/691/825	1681/691/825	1471/691/825	1261/691/825	1051/691/825	841/691/825
Interior dimensions in mm (w/d/h)	1745/525/606	1535/525/606	1325/525/606	1115/525/606	905/525/606	695/525/606
Energy consumption in 365 days	517 kWh	463 kWh	418 kWh	369 kWh	320 kWh	317 kWh
Climate rating	7	7	7	7	7	7
Refrigerant	R 600a					
Sound power level	42 dB(A)					
Connection rating	1.2 A					
Frequency/voltage	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	steel	steel	steel	steel	steel	steel
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	external analogue					
Number of baskets	0	0	0	0	0	0
Max. number of baskets 250/210/195 mm	1/7/0	1/6/0	1/5/0	1/4/0	1/3/0	1/2/0
Handle	recessed grip					
Castors	swivel castors	swivel castors	swivel castors	swivel castors	swivel castors	swivel castors
Lock	fitted	fitted	fitted	fitted	fitted	fitted
Insulation	70 mm					
Water drain	yes	yes	yes	yes	yes	yes
Gross/net weight	99/89 kg	90/81 kg	85/77 kg	75/68 kg	65/58 kg	58/52 kg
Accessories						
Basket 250 mm	7112796	7112796	7112796	7112796	7112796	7112796
Basket 210 mm	7112798	7112798	7112798	7112798	7112798	7112798
Cone Protector 250 flat CPT	9191746	9191746	9191746	9191746	9191746	9191746
Cone Protector 210 flat CPT	9191745	9191745	9191745	9191745	9191745	9191745
Rubber bumpers, grey	7266707	7266707	7266707	7266707	7266707	7266707

The advantages at a glance

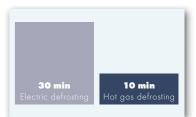


The display illuminated by energy-efficient LEDs attracts attention to the appliance and its contents. The display panel can be customised and switched in parallel with the interior light. In addition, specific branding attracts attention to a brand or products. A wide variety of colour options is available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

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.



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

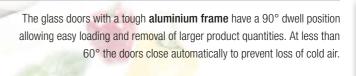
The vertical LED lighting mounted on both sides ensures bright illumination of the interior and supports sales promotion with optimum product presentation.



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.







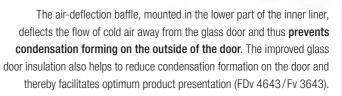
The **tough slimline door handle** is ergonomic, easy to grasp and easy to clean.







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.

closing, to consistently ensure optimum visibility for the products stored (FDv 4643/Fv 3643).

A special anti-fog film significantly delays misting on the inside of the door after opening and

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

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

The **robust lock** prevents unauthorised access.

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FDv 4643

LIEBHERR

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		LED	Fv 3643	No Frost	LED
		Frost			Frost	
T. 1	404 (007 19			005 (004 11)		
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			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/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	67 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 25

Section: Chest freezers

Baskets

Products can be presented in a clearly sorted arrangement with the suspended baskets. Suitable for all EFI, EFE and EFL models.



Partition grid

The partition grids for baskets support optimum product presentation and allow flexible organisation of the interior. Suitable for all EFI and EFE models.



Lid lock

A lid lock can be installed on all models to secure the contents of the chest freezers. Suitable for all EFI and EFE models.



Cone protector

Easy clip-on protection set for 210 baskets to avoid damages on cones or edges. Suitable for all EFI, EFE and EFL models.



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. Suitable for all EFI, EFE and EFL 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 EFI and EFE models.



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 closemesh 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.



You can find an overview of all Liebherr appliances in our main catalogues.

















Smart communication on all fronts



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



FreshMAG is the right place for you to find out more about Liebherr's industry leading technology, get food storage tips, learn more about wine and get inspired by recipes from around the world.









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