

Freezers for the frozen food
and ice-cream industries



LIEBHERR

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°C to +25°C

Climate class 4: Ambient temperatures from +10°C to +30°C

Climate class 5: Ambient temperatures from +10°C to +40°C

Climate class 7: Ambient temperatures from +10°C to +35°C

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.

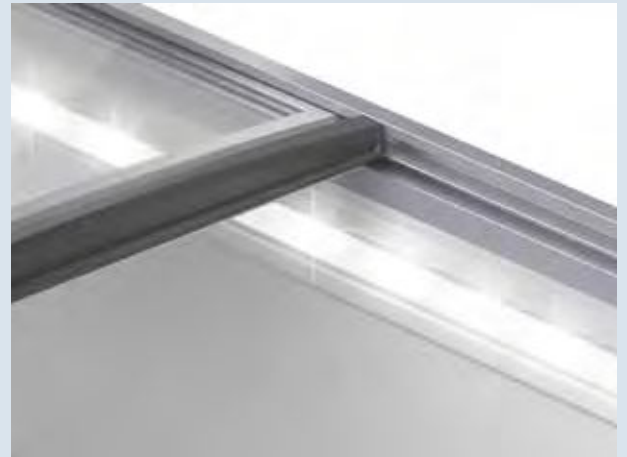
Quality right down to the smallest detail

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



Smooth-running sliding glass lid.

The curved sliding glass lids on the EFl 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.



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.



Hot-gas frame heater

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



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.

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.



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 EFl and EFE models are very attractive in appearance.



Quieter thanks to outer skin condenser.

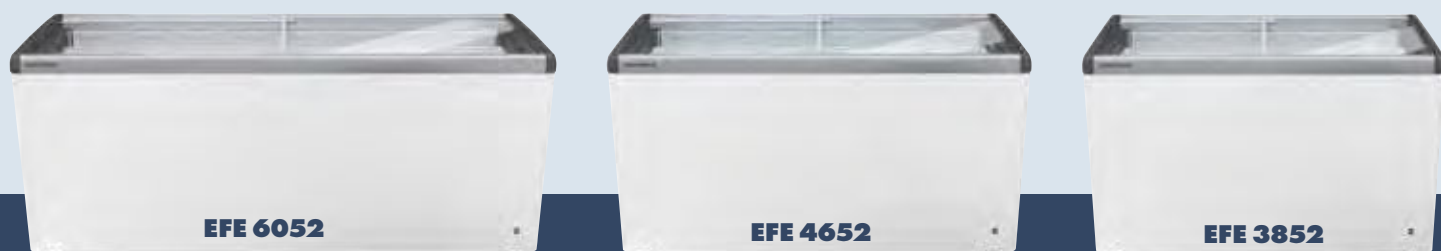
Thanks to the foamed in outer skin condenser, the ice-cream chest freezers are virtually maintenance-free – and the housing is easy to clean. In addition, condensation water does not form on the outside.



Sturdy swivel castors.

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

Sales chest freezers with LED lighting



| Sales chest freezers | EFE 6052 | LED | EFE 4652 | LED | EFE 3852 | LED |
|--|---------------------|-----|---------------------|-----|---------------------|-----|
| Total gross / net capacity | 593 / 457 litre | | 444 / 340 litre | | 369 / 280 litre | |
| Exterior dimensions in mm (w / d / h) | 1885 / 680 / 825 | | 1465 / 680 / 825 | | 1255 / 680 / 825 | |
| Interior dimensions in mm (w / d / h) | 1760 / 535 / 658 | | 1340 / 535 / 658 | | 1130 / 535 / 658 | |
| Energy consumption in 24 h | 3.047 kWh | | 2.058 kWh | | 1.699 kWh | |
| 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 Type | flat sliding | | flat sliding | | flat sliding | |
| Lid material | laminated glass | | laminated glass | | laminated glass | |
| External cabinet finish | steel / white | | steel / white | | steel / white | |
| Internal liner material | steel / white | | steel / white | | steel / white | |
| Frame colour | grey | | grey | | grey | |
| Type of control | analogue control | | analogue control | | analogue control | |
| Temperature display | internal analogue | | internal analogue | | internal analogue | |
| Interior light | - | | - | | - | |
| Number of baskets 250 / 210 / 195 mm | 1 / 7 / 0 | | 1 / 5 / 0 | | 1 / 4 / 0 | |
| Handle | | | | | | |
| Lock | fitted | | fitted | | fitted | |
| Castors | swivel castors | | swivel castors | | swivel castors | |
| Insulation | 60 mm | | 60 mm | | 60 mm | |
| Water drain | yes | | yes | | yes | |
| Climate rating | 35°C / 75% Humidity | | 35°C / 75% Humidity | | 35°C / 75% Humidity | |
| Refrigerant | R 290 | | R 290 | | R 290 | |
| Sound power level | 52 dB(A) | | 52 dB(A) | | 52 dB(A) | |
| Connection rating | 2.5 A / 239 W | | 2.5 A / 172 W | | 1.5 A / 149 W | |
| Frequency / voltage | 50 Hz / 220 – 240V~ | | 50 Hz / 220 – 240V~ | | 50 Hz / 220 – 240V~ | |
| Gross / net weight | 92.5 / 82.3 kg | | 78 / 69.1 kg | | 69.8 / 61.6 kg | |
| Accessories | | | | | | |
| Basket 250 mm | Yes | | Yes | | Yes | |
| Basket 210 mm | Yes | | Yes | | Yes | |
| Basket 195 mm | - | | - | | - | |
| Partition grid 250 mm | Yes | | Yes | | Yes | |
| Partition grid 210 mm | Yes | | Yes | | Yes | |
| Partition grid 195 mm | - | | - | | - | |
| Lid lock with key | Yes | | Yes | | Yes | |
| Spare Key | - | | - | | - | |
| Cone protector 250 slanting CPT | Yes | | Yes | | Yes | |
| Cone protector 210 slanting CPT | Yes | | Yes | | Yes | |
| Rubber bumpers, grey | Yes | | Yes | | Yes | |



EFE 3052

LED

EFE 2252

LED

EFE 1552

LED

EFE 1152

LED

| | | | |
|---------------------|---------------------|---------------------|---------------------|
| 294 / 222 litre | 220 / 163 litre | 145 / 105 litre | 108 / 84 litre |
| 1045 / 680 / 825 | 835 / 680 / 825 | 625 / 680 / 825 | 751 / 481 / 825 |
| 920 / 535 / 658 | 710 / 535 / 658 | 500 / 535 / 658 | 605 / 315 / 657 |
| 1.449 kWh | 1.156 kWh | 1.014 kWh | 0.888 kWh |
| static | static | static | static |
| manual | manual | manual | manual |
| -10°C to -24°C | -10°C to -24°C | -10°C to -24°C | -10°C to -24°C |
| flat sliding | flat sliding | flat sliding | flat sliding |
| laminated glass | laminated glass | laminated glass | laminated glass |
| steel / white | steel / white | steel / white | steel / white |
| steel / white | steel / white | steel / white | steel / white |
| grey | grey | grey | grey |
| analogue control | analogue control | analogue control | analogue control |
| internal analogue | internal analogue | internal analogue | external analogue |
| - | - | - | - |
| 1 / 3 / 0 | 1 / 2 / 0 | 1 / 1 / 0 | 0 / 0 / 3 |
| fitted | fitted | fitted | fitted |
| swivel castors | swivel castors | swivel castors | swivel castors |
| 60 mm | 60 mm | 60 mm | 70 mm |
| yes | yes | yes | yes |
| 35°C / 75% Humidity | 35°C / 75% Humidity | 35°C / 75% Humidity | 35°C / 75% Humidity |
| R 290 | R 600a | R 600a | R 600a |
| 42 dB(A) | 42 dB(A) | 42 dB(A) | 42 dB(A) |
| 1.5 A / 143 W | 1.5 A / 90 W | 1.5 A / 81 W | 1.5 A / 68 W |
| 50 Hz / 220 – 240V~ | 50 Hz / 220 – 240V~ | 50 Hz / 220 – 240V~ | 50 Hz / 220 – 240V~ |
| 62.2 / 54.7 kg | 55.3 / 48.7 kg | 48.7 / 42.9 kg | 58.7 / 55 kg |
| Yes | Yes | Yes | - |
| Yes | Yes | Yes | - |
| - | - | - | Yes |
| Yes | Yes | Yes | - |
| Yes | Yes | Yes | - |
| - | - | - | Yes |
| Yes | Yes | Yes | Yes |
| - | - | - | - |
| Yes | Yes | Yes | - |
| Yes | Yes | Yes | - |
| Yes | Yes | Yes | Yes |



| Chest Freezer, Glass Canopy & 4 Baskets | EFI 4853 Gelato Pack LED | EFI 3553 Gelato Pack LED |
|--|---|---|
| Freezer: Total gross / net litres | 488 / 356 | 347 / 250 |
| Exterior dimensions W / D / H (mm) | 1719 / 680 / 1245 Includes Canopy | 1509 / 680 / 1245 Includes Canopy |
| Interior dimensions W / D / H (mm) | 1550 / 535 / 656 Freezer Cavity | 1130 / 535 / 656 Freezer Cavity |
| Total display surface area (TDA) | 0.82 m ² | 0.60 m ² |
| Energy consumption in 365 days | 987 kWh | 726 kWh |
| Climate rating | +10°C to +35°C | +10°C to +35°C |
| Refrigerant | R 290 | R 290 |
| Sound power level dB(A) | 52 | 52 |
| Connection rating | 2.5 A | 1.5 A |
| Voltage | 220 - 240 | 220 - 240 |
| Cooling system | Static | Static |
| Defrosting | Manual | Manual |
| Temperature range | -10°C to -24°C | -10°C to -24°C |
| Lighting | LED | LED |
| Lid material | Curved sliding glass | Curved sliding glass |
| Housing material / colour | Lid steel / white | Lid steel / white |
| Liner material | Steel | Steel |
| Type of control | Analogue controls | Analogue controls |
| Temperature display | Internal analogue | Internal analogue |
| Fits 5L & 7L Gelato tubs | Maximum 12 | Maximum 9 |
| Baskets supplied | 4 | 3 |
| Castors | Yes | Yes |
| Type of castors | Swivel | Swivel |
| Lock | Can be retrofitted | Can be retrofitted |
| Insulation (mm) | 70 | 70 |
| Defrost water drain | Yes | Yes |
| Weight gross / net (kg) | 130.50 / 119 (includes canopy) | 102.60 / 92.40 (includes canopy) |
| Accessories | | |
| Cone protector 250 slanting CPT | Available | Available |
| Cone protector 210 slanting CPT | Available | Available |
| Grey rubber bumper | Available | Available |

Impulse sales chest freezers with LED lighting



| Impulse Sales chest freezers | EFI 5653 LED | EFI 4853 LED |
|--|---|---|
| Total gross / net capacity | 558 / 408 litre | 488 / 356 litre |
| Exterior dimensions in mm (w / d / h) | 1885 / 680 / 825 | 1675 / 680 / 825 |
| Interior dimensions in mm (w / d / h) | 1760 / 535 / 656 | 1550 / 535 / 656 |
| Energy consumption in 24 h | 3.304 kWh | 3.580 kWh |
| Cooling system | static | static |
| Defrost | manual | manual |
| Temperature range | -10°C to -24°C | -10°C to -24°C |
| Lid Type | curved sliding | curved sliding |
| Lid material | laminated glass | laminated glass |
| External cabinet finish | steel / white | steel / white |
| Internal liner material | steel / white | steel / white |
| Frame colour | grey | grey |
| Type of control | analogue control | analogue control |
| Temperature display | internal analogue | internal analogue |
| Interior light | - | - |
| Number of baskets 250 / 210 / 195 mm | 1 / 7 / 0 | 1 / 6 / 0 |
| Handle | | |
| Lock | fitted | fitted |
| Castors | swivel castors | swivel castors |
| Insulation | 60 mm | 70 mm |
| Water drain | yes | yes |
| Climate rating | 35°C / 75% Humidity | ST (4+) |
| Refrigerant | R 290 | R 290 |
| Sound power level | 52 dB(A) | 52 dB(A) |
| Connection rating | 2.5 A / 225 W | 1.9A / 190 W |
| Frequency / voltage | 50 Hz / 220 – 240V~ | 50 Hz / 240V~ |
| Gross / net weight | 90.9 / 80.7 kg | 89.5 / 80 kg |
| Accessories | | |
| Basket 250 mm | Yes | Yes |
| Basket 210 mm | Yes | Yes |
| Basket 195 mm | - | - |
| Partition grid 250 mm | Yes | Yes |
| Partition grid 210 mm | Yes | Yes |
| Partition grid 195 mm | - | - |
| Lid lock | Yes | Yes |
| Spare Key | - | - |
| Cone protector 250 slanting CPT | Yes | Yes |
| Cone protector 210 slanting CPT | Yes | Yes |
| Rubber bumpers, grey | Yes | Yes |



| Impulse sales chest freezers | EFI 4453 LED | EFI 3553 LED |
|--|---|---|
| Total gross / net capacity | 417 / 303 litre | 347 / 250 litre |
| Exterior dimensions in mm (w / d / h) | 1465 / 680 / 825 | 1255 / 680 / 825 |
| Interior dimensions in mm (w / d / h) | 1340 / 535 / 656 | 1130 / 535 / 656 |
| Energy consumption in 24 h | 2.096 kWh | 1.989 kWh |
| Cooling system | static | static |
| Defrost | manual | manual |
| Temperature range | -10°C to -24°C | -10°C to -24°C |
| Lid Type | curved sliding | curved sliding |
| Lid material | laminated glass | laminated glass |
| External cabinet finish | steel / white | steel / white |
| Internal liner material | steel / white | steel / white |
| Frame colour | grey | grey |
| Type of control | analogue control | analogue control |
| Temperature display | internal analogue | internal analogue |
| Interior light | - | - |
| Number of baskets 250 / 210 / 195 mm | 1 / 5 / 0 | 1 / 4 / 0 |
| Handle | | |
| Lock | fitted | fitted |
| Castors | swivel castors | swivel castors |
| Insulation | 60 mm | 60 mm |
| Water drain | yes | yes |
| Climate rating | 35°C / 75% Humidity | 35°C / 75% Humidity |
| Refrigerant | R 290 | R 290 |
| Sound power level | 52 dB(A) | 52 dB(A) |
| Connection rating | 2.5 A / 153 W | 1.5 A / 149 W |
| Frequency / voltage | 50 Hz / 220 – 240V~ | 50 Hz / 220 – 240V~ |
| Gross / net weight | 76.6 / 67.7 kg | 68.6 / 60.4 kg |
| Accessories | | |
| Basket 250 mm | Yes | Yes |
| Basket 210 mm | Yes | Yes |
| Basket 195 mm | - | - |
| Partition grid 250 mm | Yes | Yes |
| Partition grid 210 mm | Yes | Yes |
| Partition grid 195 mm | - | - |
| Lid lock | Yes | Yes |
| Spare Key | - | - |
| Cone protector 250 slanting CPT | Yes | Yes |
| Cone protector 210 slanting CPT | Yes | Yes |
| Rubber bumpers, grey | Yes | Yes |



EFI 2853

LED

EFI 2153

LED

EFI 1453

LED

276 / 197 litre
 1045 / 680 / 825
 920 / 535 / 656
 1.627 kWh
 static
 manual
 -10°C to -24°C
 curved sliding
 laminated glass
 steel / white
 steel / white
 grey
 analogue control
 internal analogue
 -

1 / 3 / 0

fitted
 swivel castors
 60 mm
 yes
 35°C / 75% Humidity
 R 290
 42 dB(A)
 1.5 A / 122 W
 50 Hz / 220 – 240V~
 61.3 / 53.8 kg

Yes
 Yes
 -
 Yes
 Yes
 -
 Yes
 -
 Yes
 -
 Yes
 Yes
 Yes
 Yes

206 / 145 litre
 835 / 680 / 825
 710 / 535 / 656
 1.290 kWh
 static
 manual
 -10°C to -24°C
 curved sliding
 laminated glass
 steel / white
 steel / white
 grey
 analogue control
 internal analogue
 -

1 / 2 / 0

fitted
 swivel castors
 60 mm
 yes
 35°C / 75% Humidity
 R 600a
 42 dB(A)
 1.5 A / 98 W
 50 Hz / 220 – 240V~
 54.2 / 47.5 kg

Yes
 Yes
 -
 Yes
 Yes
 -
 Yes
 -
 Yes
 -
 Yes
 Yes
 Yes
 Yes

135 / 91 litre
 625 / 680 / 825
 500 / 535 / 656
 1.101 kWh
 static
 manual
 -10°C to -24°C
 curved sliding
 laminated glass
 steel / white
 steel / white
 grey
 analogue control
 internal analogue
 -

1 / 1 / 0

fitted
 swivel castors
 60 mm
 yes
 35°C / 75% Humidity
 R 600a
 42 dB(A)
 1.5 A / 82 W
 50 Hz / 220 – 240V~
 47.4 / 41.6 kg

Yes
 Yes
 -
 Yes
 Yes
 -
 Yes
 -
 Yes
 -
 Yes
 Yes
 Yes
 Yes

The advantages at a glance



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



The **handle** is simple and tough.

Highly effective insulation prevents energy loss and supports the excellent energy efficiency of the chest freezers. The insulation of the freezers consists of 70-mm-thick, HFC-free polyurethane foam.

The powder-coated sheet steel **housing** features a gap-free design which makes it 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.

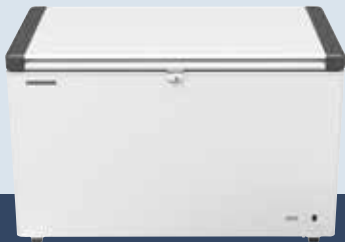
Adjustable temperature range between -10°C and -24 °C to suit individual needs.

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



Smooth-running, **double 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

EFL 3005

EFL 1505

356 / 302
 1255 / 680 / 825
 1130 / 535 / 622
 1.09 kWh
 Static
 Manual
 Yes
 -10°C to -24°C
 Steel / White
 Steel / White
 Steel / White
 Analogue controls
 Internal analogue
 1 / 4
 Coated steel wire
 Recessed grip
 Fitted
 60
 85 / 77
 +10°C to +35°C
 42
 R 600a
 1.5 A
 220 - 240 V~
 Yes
 Swivel

284 / 240
 1045 / 680 / 825
 920 / 535 / 622
 0.811 kWh
 Static
 Manual
 Yes
 -10°C to -24°C
 Steel / White
 Steel / White
 Steel / White
 Analogue controls
 Internal analogue
 1 / 3
 Coated steel wire
 Recessed grip
 Fitted
 60
 75 / 68
 +10°C to +35°C
 42
 R 600a
 1.5 A
 220 - 240 V~
 Yes
 Swivel

136 / 115
 625 / 680 / 825
 500 / 255 / 622
 0.667 kWh
 Static
 Manual
 Yes
 -10°C to -24°C
 Steel / White
 Steel / White
 Steel / White
 Analogue controls
 Internal analogue
 1 / 1
 Coated steel wire
 Recessed grip
 Fitted
 60
 58 / 52
 +10°C to +35°C
 42
 R 600a
 1.5 A
 220 - 240 V~
 Yes
 Swivel

Available
 Available
 Available

Available
 Available
 Available

Available
 Available
 Available

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

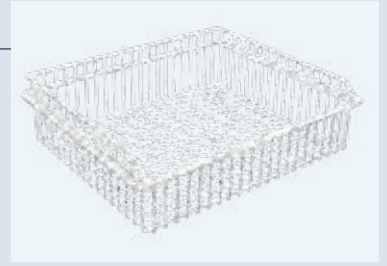
If chest freezers require frequent repositioning, swivel castors provide a convenient solution. The premium-quality 50 mm rubberised swivel castors with integral brake allow the appliance to be securely fixed at the point of display and are available as accessories for all EFI and EFE models.



Section: Forced-air display freezers

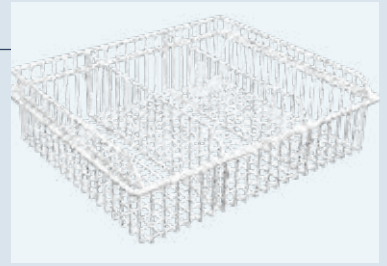
Basket 30 litres

These heavy-duty basket suitable for the models: FDv and Fv.



Partition grid for baskets

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



Scanner rail 525 mm

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



Shelves

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



Base-grid, plastic-coated

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



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