

Digital temperature display

Key switch

Forced-air cooling

Rapid freezing cycle

Door frame heater

5 shelves

Automatic fast defrosting

Condensate evaporation

Minimum/maximum temperature memory

Visual and audible alarm signal

Comfortable access

Connection for forwarding alarms and for PC-supported temperature documentation



FROSTER-LABO-530



Freezers with less capacity (70l/96l) available on demand.



Fast defrosting

Fast defrosting significantly reduces defrosting periods with minimal temperature variations.



Clean

Control screen made of plastic with smooth surface for promoting hygiene.

FROSTER- LABO-530/-730



- **External housing** made from galvanised sheet steel (rust-proof), with white, anti-scratch powder coating. Length of the plug cable: approx. 3 m.
- **Adjustable feet** to compensate for uneven floors.
- **Interior** made from smooth aluminium with colourless protective coating. Gibs (every 15mm) for flexible interior arrangement.
- **Interior consists** of five plastic-coated shelves on overlays.
- **Extra-thick 70 mm energy saving insulation**, made from high-quality, compression-moulded and environmentally friendly material.
- **Self-closing door** with easy-to-replace plastic magnetic seal frame, lockable.
- **Door hinge** on the right-hand side (by default, see illustration), or the left-hand side, can be retrofitted.
- **Forced-air cooling** with cross-flow blower, switches off automatically when you open the door, ensures a uniform temperature and minimizes temperature deviations.
- **Automatic fast defrosting** thanks to time-limited and temperature-monitored reversal of the refrigerant circuit.
- **Condensate evaporates** in stainless steel heated dish beneath the refrigerator floor.
- **Key switch** protected control panel against tampering. Membrane keyboard with digital temperature display and minimum/maximum temperature memory.
- **Warning functions** with visual and audible alarm signal in the case of temperature deviations or other malfunctions. Door open alarm after 60 seconds.
- **Alarms** can be forwarded using a potential-free contact (e.g., to a mobile phone with optional GSM-Module or to a control centre).
- **RS485 interface** for connecting to PC-supported temperature documentation (using the optional KIRSCH-PC-KIT).
- **Rapid freezing cycle** ensures that the goods to be cooled are frozen quickly.
- **Ventilation-enforced refrigerating machine**, hermetically sealed, energy saving, low-noise, easy to service.
- **Door frame heater** prevents icing of the door.

Specification

	FROSTER-LABO-530	FROSTER-LABO-730
Capacity	500 litres	700 litres
Temperature setting	approx. -5 °C to -30 °C	approx. -5 °C to -30 °C
Voltage	220 – 240 V, 50 Hz	220 – 240 V, 50 Hz
Power consumption	640 watts	640 watts
Normal consumption	7.60 kWh/24 h	8.70 kWh/24 h
Admissible ambient temperature	from +10 °C to +32 °C	from +10 °C to +32 °C
Heat emission (max.)	777 watts	777 watts
Exterior dimensions (including door handle and distance from wall)	w x d x h = 77 x 76 x 193 - 196 cm	w x d x h = 77 x 98 x 193 - 196 cm
Interior dimensions	w x d x h =* 62 x 57 x 140 cm	w x d x h =* 62 x 77 x 140 cm
Exterior dimensions with door open at 90°	w x d = 77 x 144 cm	w x d = 77 x 165 cm
Shelf size	w x d = 59 x 45 cm	w x d = 59 x 65 cm
Max. load shelf	40 kg	40 kg
Weight	Net weight 140 kg, gross weight 170 kg	Net weight 165 kg, gross weight 200 kg

*usable width 2 cm, usable depth 11 cm, usable height 13 cm less.

Optional equipment

- **LED-illumination** mounted on side wall.
- **Power failure alarm** (visual and audible alarm), the monitoring unit remains in operation for approx. 72 hours on battery power.
- **Decorative door frame** for attaching the customer's decorative plates.
- **Equipped with castors.**
- **Water-cooled refrigerating machine.**
- **Housing made of stainless steel 4301**, longitudinal brushed.
- **Plastic-drawer on roller runners** (only FROSTER-LABO-530) w x d x h = 57 x 39 x 5.6 cm (a maximum of twelve drawers is possible).
- **Aluminium-drawer on roller runners** FROSTER-LABO-530: w x d x h = 56 x 39 x 10 cm, FROSTER-LABO-730: w x d x h = 56 x 60 x 10 cm, (a maximum of eight drawers is possible).
- **Additional length and cross dividers** (for drawer).
- **Stainless steel drawer** (liquid tight) FROSTER-LABO-530: w x d x h = 56 x 39 x 10 cm, FROSTER-LABO-730: w x d x h = 56 x 60 x 10 cm, (a maximum of eight drawers is possible).
- **Additional shelf** on rails or overlays.
- **Basket** on rails FROSTER-LABO-530: w x d x h = 60 x 45 x 10 cm, FROSTER-LABO-730: w x d x h = 60 x 65 x 10 cm.
- **Aluminium tray** with rails FROSTER-LABO-530: w x d x h = 60 x 40 x 2.5 cm, FROSTER-LABO-730: w x d x h = 60 x 65 x 2.5 cm.
- **GSM-Module** for alarm text message transmission.