

FROSTER BL 530 PRO-ACTIVE

according to DIN 13277

Equipment

- Key switch
- Forced-air cooling
- 5 drawers
- Door frame heater
- Automatic fast defrosting
- Condensate evaporation
- Potential-free contact
- Digital temperature display
- Comfortable access
- Visual and audible alarm signal
- Minimum/maximum temperature memory

**MADE IN
GERMANY**



PRO-ACTIVE-Features

- Faster response time in the event of impending faults thanks to proactive alarms
- Data recording can be read out via USB interface using a USB stick and software
- Minimisation of temperature deviations in the interior
- Maximum storage safety thanks to harmonised components

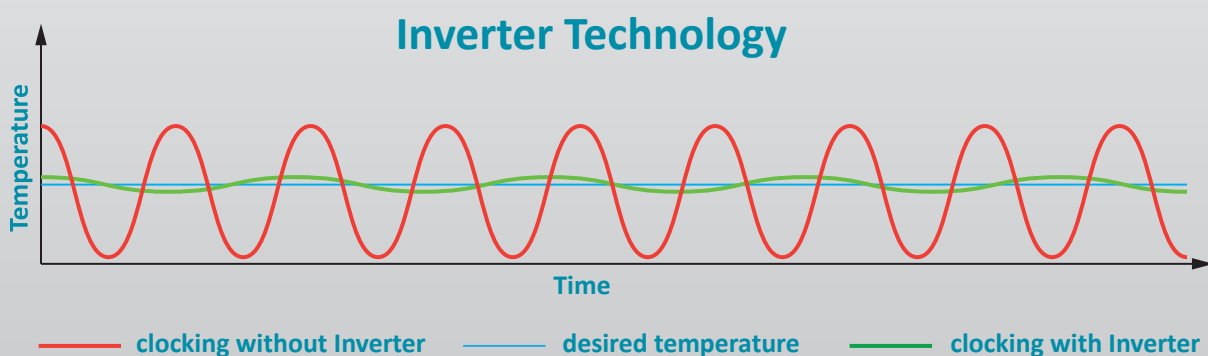


Compressor with inverter technology

- Environmentally friendly natural refrigerant R290. Very low GWP value = 3 (Global Warming Potential)
- Reduction in power consumption by 50 % compared to the previous model (power consumption = 5.47 kWh/24h)
- Extended service life due to demand-orientated power adjustment
- Frequency: 50/60 Hz

If you need further support or have any questions, please contact us.

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- **PRO-ACTIVE- Control:** Permanent, proactive monitoring of the performance data and alerts in the case of deviations. World's most accurate temperature control in refrigerated areas thanks to two standard PT-1000 sensors.
- **External housing** made from galvanised sheet steel (rust-proof), with white, anti-scratch powder coating. Length of the plug cable: approx. 3 m.
- **Equipped with castors.**
- **Interior** made from smooth aluminium with colourless protective coating. Gibs (every 15 mm) for flexible interior arrangement.
- **Interior** can be customised (surcharge may apply). See optional equipment.
- **Extra-thick insulation**, made from high-quality, compression-moulded and environmentally friendly material. Energy saving.
- **Self-closing door** with easy-to-replace plastic magnetic seal frame, lockable.
- **Door stop** on the right-hand side (by default, see illustration), or the left-hand side, can be retrofitted.
- **Forced-air cooling**, 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.
- **Power failure alarm** (visual and audible alarm), the monitoring unit remains in operation for approx. 30 hours on battery power.
- **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 KIRSCH EVOLUTION CLOUD or to a control centre).
- **Data documentation** can be read via USB interface with KIRSCH Datanet software.
- **Ventilation-enforced refrigerating machine**, vibration free, hermetically sealed, energy saving, low-noise, easy to service. Inlet air and exhaust air flow through the ventilation slits at the front.
- **Door frame heater** prevents icing of the door.

Technische Details

Capacity	500 litres
Temperature setting	-32 °C
Voltage	220 – 240 V, 50 and 60 Hz
Power consumption	280 Watt
Normal consumption	5.47 kWh/24 h
Admissible ambient temperature	from +10 °C to +32 °C
Heat emission (max.)	1090 Watt
Exterior dimensions (including door handle and distance from wall)	77 x 81 x 199.4 cm (w x d x h)
Usable dimensions	w x d x h = 56.2 x 46.6 x 118 cm
Exterior dimensions with door open at 90°	w x d = 77 x 148 cm
Drawer inner dimensions	w x d x h = 56.2 x 46.6 x 10
Max. load drawer	50 kg
Weight (Net/gross)	164 kg/189 kg
Temperature deviation without defrosting	+/-0.84 °C
Noise emission	50.6 dB(A)

Optional equipment

KIRSCH refrigerators and freezers offer numerous equipment options that can be retrofitted.



Levelling feet

Levelling feet instead of castors.



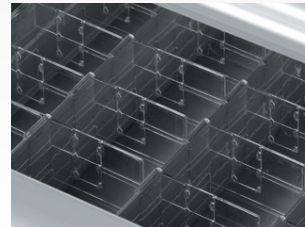
Decorative frame

Made of stainless steel, allows to cover door with a decorative panel (thickness max. 2 mm).



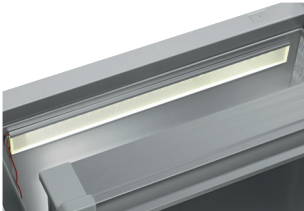
Aluminium or stainless steel drawers on rollers

Up to 12 drawers are possible in total.



Additional length and cross dividers

for the optimum organisation of your refrigerated goods.



Interior lighting side wall

Optional, optimised and energy-efficient illumination of the interior via LED light strip.



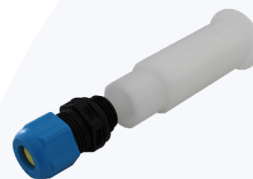
Additional shelves

Wire shelves, robust with load capacity up to 40 and 50 kg.



Vario support

Storage shelf on castors.



Access port

Simple insertion of an external temperature sensor with integrated cable feed-through.



Door coupling

Connects the furniture door to the device.



Condensation tray

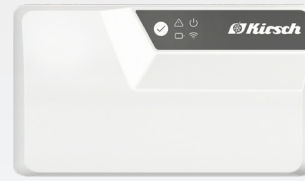
for manual draining of condensation water.

Accessories for temperature documentation



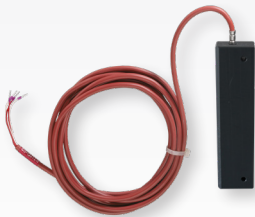
PC-KIT-NET

Automatic temperature documentation and monitoring via your network (LAN connection).



KIRSCH EVOLUTION CLOUD-Module

Maximum storage safety through optimal connectivity and real-time monitoring.



External PT100/PT1000 with cold block

Additional temperature sensor for connection to existing/external monitoring system.



Circular blade temperature recorder

Depending on the model, it is either installed in the machine compartment panel of the unit or integrated into an additional housing attachment.

* For more information about our cloud, please contact us.



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