Digital temperature display

Key switch

Antifreeze

Minimum/maximum temperature memory

Visual and audible alarm signal, even in the case of power failure

Forced-air cooling

Comfortable access

Connection for forwarding alarms and for PC-supported temperature documentation

12 drawers

Automatic defrosting

Condensate evaporation

approx. 4 minutes.

Fast defrosting

Fast defrosting significantly reduces defrosting periods with minimal temperature variations.

Upper drawer lockable

The upper drawer can be locked by default.

MED-520

according to DIN 58345

- **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 uneven floors.
- **Interior** made from smooth aluminium with colourless protective coating. Gibs (every 15 mm) for flexible interior arrangement.
- **Interior consists** of twelve drawers with stops, on roller runners. There are two adjustable length dividers and twelve adjustable cross dividers per drawer. Storage surface per drawer = 0.23 m². Top drawer can be locked.
- **Extra-thick 70-mm insulation**, made from high-quality, compression-moulded and environmentally friendly material. Energy saving.
- **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 evaporation** 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 and power failure. In the case of power failure, the monitoring unit remains in operation for approx. 72 hours on battery power.
- **Alarms** can be forwarded using the 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).
- **Antifreeze** against sub-zero temperatures.
- **Ventilation-enforced refrigerating machine**, hermetically sealed, energy saving, low-noise, easy to service.

Specification

Capacity	500 litres
Temperature setting	approx. +2 °C to +20 °C
Voltage	220 – 240 V, 50/60 Hz
Power consumption	330 watts
Normal consumption	2.45 kWh/24 h
Admissible ambient temperature	from +10 °C to +38 °C
Heat emission (max.)	427 watts
Exterior dimensions (including door handle and distance from wall)	w x d x h = 77 x 76 x 193-196 cm
Interior dimensions	w x d x h = 60 x 57 x 140 cm (usable depth 10 cm)
Exterior dimensions with door open at 90°	w x d = 77 x 144 cm
Drawer inner dimensions	w x d x h = 57 x 39 x 5.6 cm
Max. load drawer	24 kg
Weight	Net weight 120 kg, gross weight 150 kg

Optional equipment

- **Glass door with lock.**
- **LED-Illumination** mounted on side wall.
- **Decorative door frame** for attaching the customer's decorative plates.
- **Equipped with castors.**
- **Additional length and cross dividers.**
- **Shelf** w x d = 59.7 x 45 cm on rails or overlays instead of drawer (max. load: 40 kg).
- **Condensate container** can be emptied manually if no condensation is required (e.g., in an operating theatre).
- **GSM-Module** for alarm text message transmission (e.g., to a mobile phone).
- **Temperature documentation:**
  - PC-KIT-NET, PC-KIT-USB-MONITORING or PC-KIT-STICK including software for temperature documentation.
  - 4-pin PT 100 or PT 1000 temperature sensor, class 1/3 B, including built-in reference body (measurement bottle or refrigerating block).
  - Mechanical pen-recording thermometer with two waxed paper strips.