

FOUNDED 1865
MANUFACTURER OF REFRIGERATION
TECHNOLOGY FOR THE HEALTH SECTOR

Philipp Kirsch GmbH

Okenstraße 103
D-77652 OFFENBURG-GERMANY
www.kirsch-medical.com

MED-340



USB-Port for reading out data

Antifreeze

Digital temperature display

Key switch

Forced-air cooling

Minimum/maximum
temperature memory

Comfortable access

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

9 drawers
(Drawers are currently
available only in black color)

potential-free contact/
RJ 45 socket by optional
PC-KIT-NET

Automatic defrosting

Condensate evaporation



Display at eye-level

The display is positioned at eye-level to make it easier to read and simplify operation.



Optimized air guide plate

The optimized air guide plate reduces temperature deviations inside the system to a minimum.

MED 340

PRO-ACTIVE

330 l

+2 to
+15 °C

USB



according to DIN 13277

- **PRO-ACTIVE-Control:** Permanent, proactive monitoring of the performance data and alerts in the case of deviations – so that you can take countermeasures in good time before a fault threatens your chilled goods; world's most accurate temperature control in refrigerated areas thanks to two standard PT-1000 sensors.
- **External housing** made from galvanised sheet steel (rustproof), with white, anti-scratch powder coating. Length of the plug cable: approx. 2.8 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 nine black drawers with stops, on roller runners. There are two adjustable length dividers and nine adjustable cross dividers per drawer. Storage surface per drawer = 0.16 m².
- **Extra-thick 55-mm 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 hinge** 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 defrosting** with time limit and temperature monitoring.
- **Condensate evaporation** in the refrigerating machine interior.
- **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. 30 hours on battery power. 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).
- **Data documentation** can be read via USB interface with KIRSCH Datanet software
- **Antifreeze** against sub-zero temperatures.
- **Statically ventilated refrigerating machine**, hermetically sealed, energy saving, low noise, easy to service.

Specification

Capacity	330 litres
Temperature setting	approx. +2 °C to +15 °C
Voltage	220 – 240 V, 50 Hz
Power consumption	108 watts
Normal consumption	0.82 kWh/24 h
Admissible ambient temperature	from +10 °C to +38 °C
Heat emission (max.)	165 watts
Exterior dimensions (including door handle and distance from wall)	w x d x h = 67 x 66 x 189 cm
Interior dimensions	w x d x h = 53 x 45 x 128 cm (usable depth 5 cm)
Exterior dimensions with door open at 90°	w x d = 67 x 124 cm
Drawer inner dimensions	w x d x h = 50.4 x 32 x 5.6 cm
Max. load drawer	16 kg
Weight	Net weight 100 kg, gross weight 114 kg

(measured values based on Eccol R600a)

Optional equipment

- **Glass door with lock.**
- **LED-Illumination** mounted at the top or on side wall.
- **Decorative door frame** for attaching the customer's decorative plates.
- **Equipped with castors.**
- **Drawers on roller runners** (a maximum of twelve drawers is possible).
- **Additional length and cross dividers.**
- **Top drawer can be locked.**
- **Shelf** w x d = 52.7 x 39 cm on rails or overlays (max. load: 40 kg).
- **Condensate container** can be emptied manually if no condensation is required (e.g., in an operating theatre).
- **60 Hz cooling machine** upon request
- **Vario Support**, Storage Shelf on roller runners.
- **GSM-Module** for alarm text message transmission (e.g., to a mobile phone).
- **Temperature documentation:**
 - PC-KIT-NET (network capable version)
 - 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.