



High temperature precision
Accurate temperature control in refrigerated areas thanks to two standard Pt-1000 sensors



Low-noise compressor
Low noise compressor for dynamically ventilated refrigerating machine



according to DIN 58345

- **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 steel sheet (rust protected), with white, scratch-proof powder coating. Plug cable length: approx. 2,8 m.
- **Adjustable feet** positioned at the front to compensate for uneven floors.
- **Interior** made from smooth aluminium with colourless protective coating. Gibs (15 mm increments) for flexible interior arrangement.
- **Interior equipment** consists of four drawers on roller runners with locks and a plastic-coated shelf with support rails. There is one adjustable length divider and six adjustable cross dividers per drawer. Storage surface per drawer = 0.13 m².
- **Extra-thick insulation**, 50 mm thick, made from high-quality, pressure-formed and environmentally friendly material. Energy saving.
- **Door** with easy-to-replace plastic magnetic seal frame, lockable.
- **Door stop** can be switched from side to side (even retrospectively), right-hand side as standard across the series.
- **Re-circulating air cooling** with two axial blowers, switches off automatically when you open the door, ensures a uniform temperature and reduces temperature reductions to a minimum
- **Automatic defrost** with time limit and temperature monitoring.
- **Defrost water evaporation** in the refrigerating machine room.
- **Electronic temperature control** protected against tampering by means of key switches. Membrane keyboard with digital temperature display and minimum/maximum temperature memory.
- **Data documentation** can be read via USB interface with KIRSCH Datanet software.
- **Warning functions** with visual and audible alarm signal in the case of temperature deviations. Power failure alarm, the monitoring unit remains in operation for approx. 30 hours on battery power.
- **Alarms can be forwarded** using the potential-free contact (e.g. to a mobile telephone with optional GSM module or to central process control).
- **Antifreeze** against sub-zero temperatures.
- **Compressor ventilation** will be effected through front grill.

Specifications

Capacity	170 Liter
Temperature setting	+2 °C to +15 °C
Voltage	220 – 240 V, 50 Hz
Power Consumption	155 Watt
Normal Consumption	0,76 kWh/24 h
Admissible ambient temperature	from +10 °C to +38 °C
Heat emission (max.)	171 Watt
Overall dimensions (including distance from wall)	54 x 54,6 x 122 cm (w x d x h)
Interior dimensions	43 x 43 x 87 cm (w x d x h)
Usable dimensions	41 x 38 x 73 cm (w x d x h)
Exterior dimensions with door open at 90°	54 x 105 cm (w x d)
Shelf size	38 x 34 x 6 cm (w x d x h)
Max. load: drawer/shelf	13 kg/25 kg
Weight	Net weight 69 kg, gross weight 80 kg

(measured values based on Eccol R600a)

Optional equipment

- **Tabletop**
- **Decorative door** frame for securing the customer's decorative plates
- **Door fitting**
- **Transportable design**
- **Additional length and cross dividers**
- **60 Hz cooling machine** upon request
- **Shelf** with support rails
- **Defrost water container** can be emptied manually if evaporation is not desired (e.g. in an operating theatre)
- **GSM module** for alarm transmission by SMS (e.g. to a mobile telephone)
- **Temperature documentation:**
 - PC-KIT-NET
 - PT 100 or PT 1000 temperature sensor, 4-pin design, class 1/3 B, including built-in reference body (measurement bottle or refrigerating block).
 - Mechanical pen-recording thermometer with two wax paper strips.