



ESSENTIAL MED 85 DIN according to DIN 58345

Smallest-available pharmaceutical refrigerator according to DIN 58345 as a standalone or undercounter installation.

ESSENTIAL

MED 85 DIN

according to DIN 13277



- **External housing** made from galvanised sheet steel (rustproof), with white, anti-scratch powder coating. Length of the plug cable: approx. 2.8 m.
- **Interior** made from impact-resistant, white plastic with moulded-in shelves.
- **Interior consists** of three drawers with stops and a plastic-coated shelf. There is one adjustable length divider and six adjustable cross dividers per drawer. Storage surface per drawer = 0.11 m².
- **Extra-thick 42-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.
- **Automatic defrosting** with time and temperature monitoring.

- **Forced-air cooling** with cross-flow blower, switches off automatically when you open the door, ensures a uniform temperature and minimizes temperature deviations.
- **Warning functions:** visual and audible alarm signal, even 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. 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).
- **Electronic temperature** control with mebrane keyboard and digital temperature display in the interior.
- **Condensate evaporation** in the refrigerating machine interior.
- **Statically ventilated refrigerating machine**, hermetically sealed, energy saving, low noise, easy to service.
- **Antifreeze** against sub-zero temperatures.

Specification

Capacity	80 litres
Temperature setting	approx. +2 °C to +15 °C
Voltage	220 – 240 V, 50 Hz
Power consumption	112 watts
Normal consumption	0.69 kWh/24 h
Admissible ambient temperature	from +10 °C to +38 °C
Heat emission (max.)	172 watts
Overall dimensions (including distance from wall)	w x d x h = 48 x 51 x 74 cm
Interior dimensions	w x d x h = 38 x 41 x 63 cm (Usable depth above: 5 cm, below: 15 cm less)
Exterior dimensions with door open at 90°	w x d = 47 x 96 cm
Shelf size	23 x 37.8 cm
Drawer inner dimensions	w x d x h = 34 x 32 x 5.6 cm
Max. load: drawer/shelf	9.5 kg/25 kg
Weight	Net weight 34 kg, gross weight 40 kg

Optional equipment

- **Decorative door frame** for attaching the customer's decorative plates (exterior dimensions: 48 cm in width).
- **Door fitting.**
- **Equipped with castors.**
- **Additional length and cross dividers.**
- **Top drawer can be locked.**
- **Condensate container** can be emptied manually if no condensation is required (e.g., in an operating theatre).
- **Refrigerating machine** fan if static ventilation is not sufficient after installation into furniture, or if 60 Hz operation is intended.
- **GSM-Module** with optional temperature sensor for alarm text message transmission (e.g., to a mobile phone).
- **Temperature documentation:**
 - PC-supported documentation using DATALOG-NET
 - 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.