



#### Low-noise compressor

Reduces noise by 10 dB to 40 dB (corresponds to noise level I; sounds perception: whisper).



Alarm +2 °C

#### Reliable antifreeze

against sub-zero temperatures. The refrigerating machine is switched off by the electronics.

# MED-468

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. 1.8 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 equipment consists** of ten drawers with stops, on roller runners. There are two adjustable length dividers and twelve adjustable cross dividers per drawer. Storage surface per drawer = 0.24 m<sup>2</sup>.
- **Extra-thick 55-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 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 power failure. In the case of temperature deviations and 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).
- **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.
- **Low-noise compressor** reduces noise by 10 dB to 40 dB (corresponds to noise level I; sound perception: whisper).

## Specification

Capacity	460 litres
Temperature setting	approx. +2 °C to +20 °C
Voltage	220 – 240 V, 50/60 Hz
Power consumption	180 watts
Normal consumption	1.40 kWh/24 h
Admissible ambient temperature	from +10 °C to +38 °C
Heat emission (max.)	247 watts
Exterior dimensions (including door handle and distance from wall)	w x d x h = 74 x 74.5 x 181 cm
Interior dimensions	w x d x h = 60 x 57 x 128 cm (usable depth 5 cm)
Exterior dimensions with door open at 90°	w x d = 74 x 139 cm
Drawer inner dimensions	w x d x h = 57 x 43 x 5.6 cm
Max. load drawer	24 kg
Weight	Net weight 130 kg, gross weight 143 kg

## 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 = 59.7 x 50 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).
- **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.