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LABORATORY & MEDICAL EQUIPMENT
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Digital temperature display

Key switch

Antifreeze

Minimum/maximum temperature memory

Forced-air cooling

Visual and audible alarm signal

Comfortable access

3 shelves and 1 drawer

Connection for forwarding alarms and for PC-supported temperature documentation

Automatic defrosting

Condensate evaporation

LABO-340

LABO-468 is equipped with four plastic-coated shelves on overlays.

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.

LABO-340/-468

- **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** of LABO-340 consists of one drawer and three plastic-coated shelves on overlays. Interior of LABO-468 consists of four plastic-coated shelves on overlays.
- **Extra-thick 55 mm energy saving insulation**, made from high-quality, compression-moulded and environmentally friendly material.
- **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** with cross-flow blower, switches off automatically when you open the door, ensures a uniform temperature and minimizes temperature deviation.

- **Automatic defrosting** with time limit and temperature monitoring.
- **Condensate evaporates** 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 or other malfunctions. 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.
- **Statically ventilated** (LABO-340) or **ventilation-enforced** (LABO-468) refrigerating machine, hermetically sealed, energy saving, low-noise, easy to service.
- **Low-noise compressor** (only LABO-468) reduces noise by 10 dB to 40 dB (corresponds to noise level I; sound perception: whisper).

Specification

	LABO-340	LABO-468
Capacity	330 litres	460 litres
Temperature setting	approx. +2 °C to +20°C	approx. +2 °C to +20°C
Voltage	220 – 240 V, 50/60 Hz	220 – 240 V, 50/60 Hz
Power consumption	150 watts	180 watts
Normal consumption	1.47 kWh/24 h	1.40 kWh/24 h
Admissible ambient temperature	from +10 °C to +38 °C	from +10 °C to +38 °C
Heat emission (max.)	180 watts	247 watts
Exterior dimensions (including door handle and distance from wall)	w x d x h = 67 x 63 x 181 cm	w x d x h = 74 x 75 x 181 cm
Interior dimensions	w x d x h =* 53 x 45 x 128 cm	w x d x h =* 60 x 57 x 128 cm
Exterior dimensions with door open at 90°	w x d = 67 x 121 cm	w x d = 74 x 139 cm
Shelf size	w x d = 52 x 39 cm	w x d = 59 x 50 cm
Drawer inner dimensions	w x d x h = 50 x 32 x 5.6 cm	–
Max. load drawer/ shelf	16 kg/40 kg	–/40 kg
Weight	Net weight 88 kg, gross weight 100 kg	Net weight 109 kg, gross weight 122 kg

usable depth 5 cm less.

Optional equipment

- **Glass door** with lock.
- **LED-Illumination** mounted on side wall.
- **Power failure alarm** (visual and audible alarm), the monitoring unit remains in operation for approx. 72 hours on battery power.
- **Decorative door frame** for attaching the customer's decorative plates.
- **Door fitting.**
- **Equipped with castors.**
- **Condensate container** can be emptied manually if no condensation is required (e.g., in an operating theatre).
- **Plastic drawer on roller runners**
  LABO-340: w x d x h = 50 x 32 x 5.6 cm,
  LABO-468: w x d x h = 57 x 43 x 5.6 cm
  (a maximum of twelve drawers is possible).
- **Additional length and cross dividers.**
- **Additional shelf** on rails or overlays.
- **Basket** on rails (only for LABO-468)
  w x d x h = 60 x 45 x 10 cm.
- **Aluminium tray** with rails (only for LABO-468)
  w x d x h = 60 x 40 x 2.5 cm.
- **GSM-Module** for alarm text message transmission.
- **Temperature documentation:**
  see detailed information on page 56.