

Touch-Display, elegant glass design, capacitive

Graphical display of the temperature curve and min/max temperature, logbook

Access control by RFID/password

Antifreeze

Forced-air cooling

Visual and audible alarm signal

Comfortable access

4 shelves

potential-free contact/
RJ 45 socket

Automatic defrosting

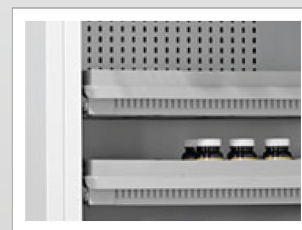
LABO 468 ULTIMATE

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.

LABO 340/468

ULTIMATE



according to DIN 13221

- **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.
- **Touch-Display**, elegant glass design, capacitive.
- **Access control** with protocol.
- **Graphical display** of the temperature curve and min/max temperature
- **External housing** made from galvanised sheet steel (rust-proof), 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** of LABO 340 ULTIMATE consists of one drawer and four plastic-coated shelves on overlays. Interior of LABO 468 ULTIMATE 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**, 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.
- **Warning functions** with visual and audible alarm signal in the case of defective function 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 by network or potential-free contact.
- **Power failure alarm** (visual and audible alarm), the monitoring unit remains in operation for approx. 30 hours on battery power.
- **Digital data documentation** readable via PC-KIT-NET or USB interface and software KIRSCH Datanet.
- **Antifreeze** against sub-zero temperatures.
- **Statically ventilated** (LABO 340 ULTIMATE) or **ventilation-enforced** (LABO 468 ULTIMATE) refrigerating machine, hermetically sealed, energy saving, low-noise, easy to service.
- **Low-noise compressor** (only LABO 468 ULTIMATE) reduces noise to 40 dB (corresponds to noise level I; sound perception: whisper).

Specification

	LABO 340 ULTIMATE	LABO 468 ULTIMATE
Capacity	330 litres	460 litres
Temperature setting	approx. +2 °C to +15°C	approx. +2 °C to +15°C
Voltage	220 – 240 V, 50 Hz	220 – 240 V, 50 Hz
Power consumption	110 watts	170 watts
Normal consumption	0.65 kWh/24 h	1.00 kWh/24 h
Admissible ambient temperature	from +10 °C to +38 °C	from +10 °C to +38 °C
Heat emission (max.)	166 watts	280 watts
Exterior dimensions (including door handle and distance from wall)	w x d x h = 67 x 69 x 188 cm	w x d x h = 74 x 80 x 188 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 127 cm	w x d = 74 x 144 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.**
- **LED-illumination** mounted on side wall.
- **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 ULTIMATE: w x d x h = 50 x 32 x 5.6 cm,
LABO 468 ULTIMATE: 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 ULTIMATE)
w x d x h = 60 x 45 x 10 cm.
- **Aluminium tray** with rails (only for LABO 468 ULTIMATE)
w x d x h = 60 x 40 x 2.5 cm.
- **Vario Suport**, Storage Shelf on roller runners.
- **GSM-Module** for alarm text message transmission (e.g., to a mobile phone).
- **Temperature documentation:**
 - 4-pin PT 100 or PT 1000 temperature sensor, class 1/3 B, including built-in reference body.
 - Mechanical pen-recording thermometer with two waxed paper strips.