

Standalone or undercounter installation

Forced-air cooling

Connection for forwarding alarms and for PC-supported temperature documentation

Antifreeze

2 shelves

Visual and audible alarm signal

Automatic defrosting

Key switch

Digital temperature display

Minimum/maximum temperature memory

Condensate evaporation

Low-noise compressor

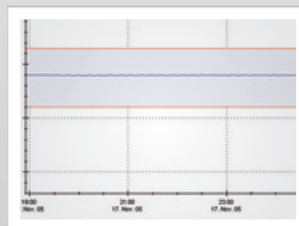


The **installation drawing** is available under [www.kirsch-medical.com](http://www.kirsch-medical.com) for each model in the download area.



**Low-noise compressor**

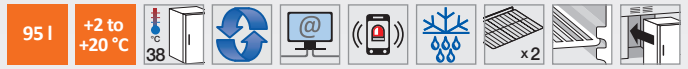
Reduces noise by 10 dB to 40 dB (corresponds to noise level I; sounds perception: whisper).



**High temperature precision**

even when installed powerful and ventilated refrigerator by forced-air cooling.

# LABO-100



- **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 impact-resistant, white plastic with moulded-in shelves.
- **Interior consists** of two plastic-coated shelves.
- **Extra-thick 50 mm energy saving insulation**, made from high-quality, compression-moulded and environmentally friendly material.
- **Lockable door** with easy-to-replace plastic magnetic seal frame.
- **Door hinge** on the right-hand side (by default, see illustration), or the left-hand side, can be retrofitted.
- **Forced-air cooling** with axial fan, switches off automatically when you open the door, ensures a uniform temperature and minimizes temperature deviations.
- **Automatic defrosting** with time 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.
- **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	95 litres
Temperature setting	approx. +2 °C to +20 °C
Voltage	220 – 240 V, 50/60 Hz
Power consumption	160 watts
Normal consumption	0.65 kWh/24 h
Admissible ambient temperature	from +10 °C to +38 °C
Heat emission (max.)	220 watts
Overall dimensions (including distance from wall)	w x d x h = 54 x 54 x 82 cm
Interior dimensions	w x d x h = 44 x 43 x 47 cm (usable depth 5 cm, usable width 2 cm less)
Exterior dimensions with door open at 90°	w x d = 54 x 106 cm
Shelf size	w x d = 43 x 33 cm
Max. load shelf	25 kg
Weight	Net weight 46 kg, gross weight 50 kg

## Optional equipment

- **Glass door** with lock.
- **Power failure alarm** (visual and audible alarm), the monitoring unit remains in operation for approx. 72 hours on battery power.
- **Tabletop** (exterior dimensions: 85cm in height).
- **Decorative door frame** for attaching the customer's decorative plates (exterior dimensions: 55cm in width).
- **Door fitting.**
- **Equipped with castors.**
- **Additional plastic drawer**  
w x d x h = 40 x 32 x 5.6 cm.
- **Additional length and cross dividers** for drawer.
- **Additional shelf.**
- **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:**  
see detailed information on page 56.