

Touch-Display, elegant glass design, capacitive

Access control by RFID/password

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

Antifreeze

Forced-air cooling

Comfortable access

3 shelves *(pic. with 4 shelves, optional)*

Visual and audible alarm signal

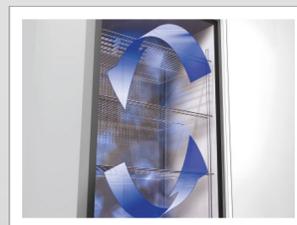
Automatic defrosting

potential-free contact/  
RJ 45 socket

Condensate evaporation



**Comfortable access**  
The sophisticated opening mechanism makes the fitting even easier.



**High temperature precision**  
The axial fan we use for forced-air cooling is specially protected through a mains adapter.

# LABO 288 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 for uneven floors.
- **Interior** made from smooth aluminium with colourless protective coating. Gibs (every 15 mm) for flexible interior arrangement.
- **Interior** consists of three plastic-coated shelves on overlays.
- **Extra-thick 55 mm energy saving insulation,** made from high-quality, compression-moulded and environmentally friendly material.
- **Door** with easy-to-replace plastic magnetic seal frame, lockable.
- **Door stop** 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 minimises temperature deviations.
- **Automatic defrosting** with time limit and temperature monitoring.
- **Condensate evaporates** in the refrigerating machine interior.
- **Power failure alarm and data recording** (visual and audible alarm), the monitoring unit remains in operation for approx. 30 hours on battery power.
- **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.
- **Digital data documentation** readable via PC-KIT-NET or USB interface and software KIRSCH Datanet.
- **Antifreeze** against sub-zero temperatures.
- **Statically ventilated** refrigerating machine, hermetically sealed, energy saving, low noise, easy to service.

## Specification

Capacity	280 litres
Temperature setting	approx. 0 °C to +15 °C
Voltage	220 - 240 V, 50 Hz
Power consumption	88 watts
Normal consumption	0,68 kWh / 24 h
Admissible ambient temperature	from +10 °C to +38 °C
Heat emission (max.)	165 watts
Exterior dimensions (including door handle and distance from wall)	w x d x h = 67 x 70 x 124 cm
Interior dimensions	w x d x h = 53 x 50 x 100 cm (usable depth above: 5 cm, below: 13 cm less)
Exterior dimensions with door open at 90°	w x d = 67 x 135 cm
Shelf inner dimensions	w x d = 52 x 39 cm
Max. load shelf	40 kg
Weight	Net weight 78 kg, gross weight 85 kg

(measured values based on Eccol R600a)

## Optional equipment

- **Glass door** with lock.
- **LED-Illumination** at the top.
- **Decorative door frame** for attaching the customer's decorative plates.
- **Door fitting.**
- **Equipped with castors.**
- **60 Hz cooling machine upon request**
- **Condensate container** can be emptied manually if no condensation is required (e.g., in an operating theatre).
- **Plastic-drawer on roller runners**  
w x d x h = 50 x 32 x 5.6 cm (inner dimension)
- **Aluminum-drawer on roller runners**  
w x d x h = 49 x 39 x 10 cm (inner dimension)
- **Stainless steel-drawer**  
w x d x h = 49 x 39 x 10 cm (inner dimension)
- **Additional length and cross dividers** (for drawer).
- **Additional shelf** on rails or overlays.
- **Vario Support,** 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.