Touch-Display, elegant glass design, capacitive

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

Forced-air cooling

3 shelves

Conductive drawer to prevent static charges
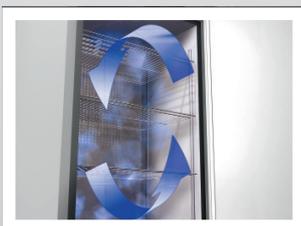
Automatic defrosting

Access control by RFID/password

Visual and audible alarm signal

Comfortable access

potential-free contact/ RJ 45 socket

Antifreeze

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

Explosion protection - Zone 2
The interior is free from ignition sources.

LABEX® 288

ULTIMATE

according to DIN 13221

| 280 l | +2 to +15 °C | USB |

- **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 (rustproof), with white, anti-scratch powder coating. Length of the plug cable: approx. 2.8 m.
- **Adjustable feet** at the front to compensate uneven floors.
- **Interior** made from smooth aluminium with colourless protective coating. Gibs (every 15 mm) for flexible interior arrangement.
- **Interior consists** of one drawer (conductive) with stops on roller runners and three height adjustable shelves on overlays. There are two adjustable length divider and nine adjustable cross dividers per drawer. Storage surface per drawer = 0.16 m².
- **Extra-thick 55-mm insulation**, made from high-quality, compression-moulded and environmentally friendly material. Energy saving.

- **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**, switches off automatically when you open the door, ensures a uniform temperature and minimizes temperature deviations.
- **Automatic defrosting** with time limit and temperature monitoring. Defrost sensors are protected by safety barriers.
- **Removable condensation container.**
- **Power failure alarm** (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	100 watts
Normal consumption	0.76 kWh/24 h
Admissible ambient temperature	from +10 °C to +38 °C
Heat emission (max.)	173 watts
Exterior dimensions (including door handle and distance from wall)	w x d x h = 67 x 75 x 131 cm
Interior dimensions	w x d x h =* 53 x 50 x 100 cm
Exterior dimensions with door open at 90°	w x d = 67 x 135 cm
Shelfsize	w x d = 52 x 39 cm
Drawer inner dimensions	w x d x h = 50 x 32 x 5.6 cm
Max. load drawer/shelf	16 kg/40 kg
Weight	Net weight 72 kg, gross weight 85 kg

usable depth above: 9 cm, below: 13 cm less.

Optional equipment

- **Glass** door.
- **Decorative door frame** for attaching the customer's decorative plates.
- **Door fitting** (two pieces required).
- **Drawer on roller runners** (a maximum of seven drawers is possible).
- **60 Hz cooling machine upon request**
- **Additional length and cross dividers** (for drawer).
- **Additional shelf** on rails or overlays.
- **GSM-Module** for alarm text message transmission (e.g., to a mobile phone).
- **Temperature documentation.**
  - Temperature sensor PT 100 or PT 1000, **with safety barriers a**nd reference body (measuring bottle or cold block) is installed.
  - 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.