



High temperature precision

The axial fan we use for forced-air cooling is specially protected through a mains adapter (LABEX®-288).



Comfortable access

The sophisticated opening mechanism makes the fitting even easier.

LABEX® -

285/-288  II 3 G Ex cIc IIB T6



- **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** at the front 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 one drawer 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 stop** on the right-hand side (by default, see illustration), or the left-hand side, can be retrofitted.
- **Automatic defrosting** with time limit and temperature monitoring. Defrost sensors are protected by safety barriers.

- **Removable condensation container.**
- **Key switch** protected control panel against tampering. Membrane keyboard with digital temperature display and minimum/maximum temperature memory. Control and display sensors protected by safety barriers.
- **Warning functions** with visual and audible alarm signal in the case of temperature deviation.
- **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 PC-KIT).
- **Antifreeze** against sub-zero temperatures.
- **Statically ventilated refrigerating machine**, hermetically sealed, energy saving, low noise, easy to service.

***LABEX®-288 additional equipment:**

- **Forced-air cooling** (axial fan is protected), switches off automatically when you open the door, ensures a uniform temperature and minimises temperature deviations.

Specification

	LABEX®-285	LABEX®-288
Capacity	280 litres	280 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	155 watts
Normal consumption	0.80 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.)	200 watts	203 watts
Exterior dimensions (including door handle and distance from wall)	w x d x h = 67 x 70 x 124 cm	w x d x h = 67 x 70 x 124 cm
Interior dimensions	w x d x h =* 53 x 50 x 100 cm	w x d x h =* 53 x 50 x 100 cm
Exterior dimensions with door open at 90°	w x d = 67 x 130 cm	w x d = 67 x 130 cm
Shelfsize	w x d = 52 x 39 cm	w x d = 52 x 39 cm
Drawer inner dimensions	w x d x h = 50 x 32 x 5.6 cm	w x d x h = 50 x 32 x 5.6 cm
Max. load drawer/shelf	16 kg/40 kg	16 kg/40 kg
Weight	Net weight 68 kg, gross weight 80 kg	Net weight 72 kg, gross weight 85 kg

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

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.
- **Decorative door frame** for attaching the customer's decorative plates.
- **Door fitting** (2 pieces required).
- **Equipped with castors.**
- **Drawer on roller runners** (a maximum of eight drawers is possible).
- **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:**
see detailed information on page 56.