labo and Co
www.laboandco.com
N° Indigo 08 20 20 16 16

Digital temperature display

Key switch

Forced-air cooling

5 drawers

Automatic defrosting

Condensate evaporation



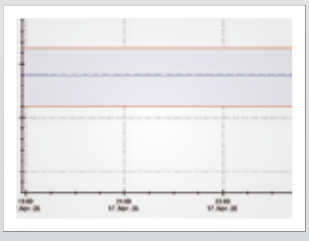
Antifreeze

Minimum/maximum temperature memory

Visual and audible alarm signal, even in the case of power failure

Comfortable access

Connection for forwarding alarms and for PC-supported temperature documentation



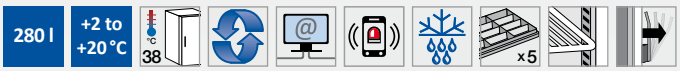
**Constant temperature**
The high-performance refrigerating machine maintains the storage temperature even if doors have been opened frequently. This protects your goods to be cooled.



**Comfortable access**
The sophisticated opening mechanism makes it even simpler to fit our systems with interior containers.

# MED-288

according to DIN 58345




- **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** positioned 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 five drawers with stops, on roller runners. There are two adjustable length dividers 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.
- **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** with cross-flow blower, switches off automatically when you open the door, ensures a uniform temperature and minimizes temperature deviations.
- **Automatic defrosting** with time limit and temperature monitoring.
- **Condensate evaporation** 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 and power failure. In the case of power failure, the monitoring unit remains in operation for approx. 72 hours on battery power. 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.
- **Statically ventilated refrigerating machine**, hermetically sealed, energy saving, low-noise, easy to service.

## Specification

| | |
|---|---|
| Capacity | 280 litres |
| Temperature setting | approx. +2 °C to +20 °C |
| Voltage | 220 – 240 V, 50/60 Hz |
| Power consumption | 155 watts |
| Normal consumption | 1.00 kWh/24 h |
| Admissible ambient temperature | from +10 °C to +38 °C |
| Heat emission (max.) | 203 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 130 cm |
| Drawer inner dimensions | w x d x h = 50 x 32 x 5.6 cm |
| Max. load drawer | 16 kg |
| Weight | Net weight 78 kg, gross weight 87 kg |

## Optional equipment

- **Glass door with lock.**
- **LED-Illumination** mounted at the top.
- **Decorative door frame** for attaching the customer's decorative plates.
- **Equipped with castors.**
- **Drawers on roller runners** (a maximum of 8 drawers is possible).
- **Additional length and cross dividers.**
- **Top drawer can be locked.**
- **Shelf** 52.7 x 39 cm on rails or overlays (max. load: 40 kg).
- **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:**
  - PC-KIT-NET, PC-KIT-USB-MONITORING or PC-KIT-STICK including software for temperature documentation.
  - 4-pin PT 100 or PT 1000 temperature sensor, class 1/3 B, including built-in reference body (measurement bottle or refrigerating block).
  - Mechanical pen-recording thermometer with two waxed paper strips.

labo and Co
www.laboandco.com
N° Indigo 08 20 20 16 16