Key switch

Digital temperature display

USB-Port for reading out data

6 Shelves

Minimum/maximum temperature memory

Comfortable access

Antifreeze

Visual and audible alarm signal

Automatic defrosting

potential-free contact/ RJ 45 socket by optional PC-KIT-NET
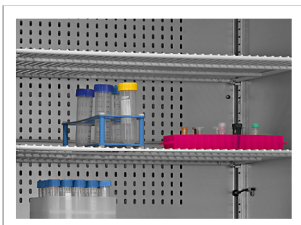
Castors

Low-noise compressor

With ZONE 1 in the interior **LABEX® 465 PRO-ACTIVE - ZONE 1** is now assigned to the device category 2. That means that an EX-atmosphere may be present for up to 1.000 hours a year.

Interior protected
Possible static charges are prevented by a dissipation system.

Explosion protection - Zone 1
The interior is free from ignition sources.

LABEX® 465- ZONE 1
PRO-ACTIVE

460l | **0 bis +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.
- **External housing** made from galvanised sheet steel (rustproof), with white, anti-scratch powder coating. Length of the plug cable: approx. 2.8 m.
- **Equipped with castors.**
- **Interior** made from smooth aluminium with colourless protective coating. Gibs (every 15 mm) for flexible interior arrangement.
- **Interior** consists of six shelves on overlays.
- **Extra-thick 55-mm insulation**, made from high-quality, compression-moulded and environmentally friendly material. Energy saving.
- **Self-closing 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.
- **Automatic defrosting** with time limit and temperature monitoring.
- **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.
- **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 temperature deviations or other malfunctions. Door open alarm after 60 seconds.
- **Alarms** can be forwarded using a potential-free contact.
- **Data documentation** can be read via USB interface with KIRSCH Datanet software.
- **Antifreeze** against sub-zero temperatures.
- **Low-noise compressor** reduces noise to 40 dB (corresponds to noise level I; sound perception: whisper)

Specification

Capacity	460 litres
Temperature setting	approx. 0 °C to +15 °C
Voltage	220 – 240 V, 50Hz
Power consumption	150 watts
Normal consumption	0,76 kWh/24 h
Admissible ambient temperature	from +10 °C to +38 °C
Heat emission (max.)	280 watts
Exterior dimensions (including door handle and distance from wall)	w x d x h = 74 x 74 x 176 cm
Interior dimensions	w x d x h =* 60 x 57 x 128 cm
Exterior dimensions with door open at 90°	w x d = 74 x 138 cm
Shelfsize	w x d = 59 x 50 cm
Drawer inner dimensions	w x d x h = 57 x 43 x 5.6 cm
Max. load drawer/shelf	24 kg/40 kg
Weight	Net weight 112 kg, gross weight 125 kg

usable depth 5 cm less.

Optional equipment

- **Glass door with lock.**
- **Decorative door frame** for attaching the customer's decorative plates.
- **Adjustable feet** at the front to compensate uneven floors.
- **Door fitting** (two pieces required).
- **Drawer on roller runners** (a maximum of eleven drawers is possible).
- **Additional length and cross dividers** (for drawer).
- **Additional shelf** on rails or overlays.
- **Basket on rails** w x d x h = 60 x 45 x 10 cm.
- **Aluminium tray** with rails w x d x h = 60 x 45 x 2.5 cm.
- **Temperature documentation:**
  - PC-KIT-NET (Network capable version)
  - 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.