Standard equipment

Optional equipment

Lockable door

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

Digital temperature display

Drawers instead of shelves

Forced-air cooling

4 shelves

Antifreeze

Potential-free contact for alarm transmission to a control center

Automatic defrosting

Condensate evaporation

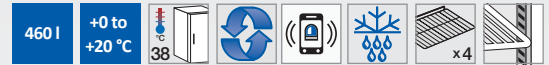Connection for forwarding alarms to your mobile phone using a GSM-Module

Clean
Control screen made of plastic with smooth surface for promoting hygiene.

Display at eye-level
The display is positioned at eye-level to make it easier to read and simplify operation.

ESSENTIAL-460

460 l | +0 to +20 °C | 38 | | (( )) | | x4 |

Standard equipment

- **External housing** made from galvanised sheet steel (rust-proof), with white, anti-scratch powder coating. Length of the plug cable: approx. 3.0 m.
- **Adjustable feet** positioned at the front to compensate uneven floors.
- **Interior** made from smooth aluminium with colourless protective coating.
- **Interior consists** of four plastic-coated-shelves on overlays. Gibs every 15 mm.
- **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 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 mini-

mizes temperature deviations.
- **Digital display.**
- **Automatic defrosting** with time limit and temperature monitoring.
- **Condensate evaporation** in the refrigerating machine room.
- **Warning functions** with visual and audible alarm signal in the case of temperature deviation. Door open alarm after 60 seconds.
- **Alarms** can be forwarded using the potential-free contact.
- **Ventilation-enforced refrigerating machine**, vibration free, hermetically sealed, energy saving, low noise, easy to service.

Specification

Capacity	460 litres
Temperature setting	+0 to +20 °C
Voltage	220 - 240 V, 50/60 Hz
Power consumption	180 watts
Normal consumption	1.40 kWh/ 24 h
Admissible ambient temperature	from +10 °C to +38 °C
Heat emission (max.)	247 watts
Exterior dimensions (including door handle and distance from wall)	w x d x h = 74 x 75 x 181 cm
Interior dimensions	w x d x h = 60 x 57 x 128 cm (usable depth above: 5 cm, below: 10 cm less)
Exterior dimensions with door open at 90°	w x d = 74 x 139 cm
Shelf size	w x d = 59 x 50 cm
Max. load Shelf	40 kg
Weight	Net weight 109 kg, gross weight 122 kg

Optional equipment

- **Additional Shelf** (to the standard equipment).
- **Plastic-drawers** (instead of shelves). Maximum of twelve drawers. Storage surface per drawer = 0.24 m² (inner dimensions: w x d x h = 57 x 43 x 5.6 cm, max. load: 24 kg).
- **Stainless-steel-drawers** (instead of shelves). Maximum of five drawers (inner dimensions: w x d x h = 56.9 x 40 x 8 cm, max. load: 40 kg).
- **Cross and length dividers** for stainless-steel-drawers.
- **Antifreeze.**
- **Visual and audible alarm signal**, even in the case of power failure (the monitoring unit remains in operation for approx. 72 hours on battery power).
- **LED-Illumination** on top.
- **Glass door with lock.**
- **Door fitting.**
- **Equipped with castors.**
- **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:**
  - 4-pin PT 100 or PT 1000 temperature sensor, class 1/3 B, including built-in reference body.
  - Disc-type pen recording thermometer, with 7-day measuring cycle, incorporated, with 100 recording discs and 5 felt tip pens.
  - Mechanical pen-recording thermometer with two waxed paper strips.