Standard equipment

Optional equipment

Lockable door

Digital temperature display

Forced-air cooling

Potential-free contact for alarm transmission to a control center

Self-closing door

5 shelves

Automatic defrosting

Condensate evaporation

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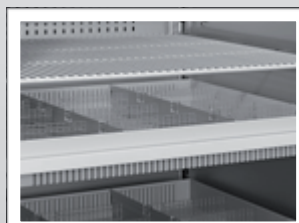
Drawers instead of shelves

Antifreeze

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

Optimized air guide plate
The optimized air guide plate reduces temperature deviations inside the system to a minimum.

Variable stock options
due to standard shelves and optional drawers with length and cross dividers.

ESSENTIAL-700

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 three plastic-coated-shelves on overlays. Gibs every 15 mm.
- **Extra-thick 70-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 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 minimizes 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	700 litres
Temperature setting	+0 to +20 °C
Voltage	220 - 240 V, 50/60 Hz
Power consumption	370 watts
Normal consumption	3.00 kWh/ 24 h
Admissible ambient temperature	from +10 °C to +38 °C
Heat emission (max.)	453 watts
Exterior dimensions (including door handle and distance from wall)	w x d x h = 77 x 98 x 193-196 cm
Interior dimensions	w x d x h = 62 x 77 x 140 cm (usable width 2 cm, usable depth 11 cm, usable height 13 cm less)
Exterior dimensions with door open at 90°	w x d = 77 x 165 cm
Shelf size	w x d = 59 x 65 cm
Max. load Shelf	40 kg
Weight	Net weight 145 kg, gross weight 180 kg

Optional equipment

- **Additional Shelf** (to the standard equipment).
- **Stainless-steel-drawers** (instead of shelves). Maximum of seven drawers (drawer inner dimensions: w x d x h = 56.9 x 61 x 8 cm, max. load: 40 kg).
- **Additional cross and length dividers.**
- **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.