Forced-air cooling
High temperature precision by protected circulation fan.

Easy door opening
By the controlled pressure equalization anytime a repeated opening of the door is ensured.
**FROSTER-LABEX®-530/-730**

- **External housing** made from galvanised sheet steel (rust-proof), with white, anti-scratch powder coating. Length of the plug cable: approx. 3 m.
- **Equipped with castors.**
- **Interior** made from smooth aluminium with colourless protective coating. Gibs (every 15mm) for flexible interior arrangement.
- **Interior consists of** five plastic-coated shelves on overlays.
- **Extra-thick 70 mm energy saving insulation**, made from high-quality, compression-moulded and environmentally friendly material.
- **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.
- **Forced-air cooling** (the two axial fans are protected), switches off automatically when you open the door, ensures a uniform temperature and minimizes temperature deviations.
- **Valve controlled pressure compensation** for easier door opening.
- **Automatic fast defrosting** thanks to time-limited and temperature-monitored reversal of the refrigerant circuit. 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 in the case of temperature deviations or other malfunctions. 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).
- **Rapid freezing cycle** ensures that the goods to be cooled are frozen quickly.
- **Ventilation-enforced refrigerating machine**, hermatically sealed, energy saving, low-noise, easy to service.
- **Door frame heater** prevents icing of the door.

**Specification**

<table>
<thead>
<tr>
<th></th>
<th>FROSTER-LABEX®-530</th>
<th>FROSTER-LABEX®-730</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Capacity</strong></td>
<td>500 litres</td>
<td>700 litres</td>
</tr>
<tr>
<td><strong>Temperature setting</strong></td>
<td>approx. -5 °C to -30 °C</td>
<td>approx. -5 °C to -30 °C</td>
</tr>
<tr>
<td><strong>Voltage</strong></td>
<td>220 – 240 V, 50 Hz</td>
<td>220 – 240 V, 50 Hz</td>
</tr>
<tr>
<td><strong>Power consumption</strong></td>
<td>510 watts</td>
<td>510 watts</td>
</tr>
<tr>
<td><strong>Normal consumption</strong></td>
<td>4.70 kWh/24 h</td>
<td>5.70 kWh/24 h</td>
</tr>
<tr>
<td><strong>Admissible ambient temperature</strong></td>
<td>from +10 °C to +32 °C</td>
<td>from +10 °C to +32 °C</td>
</tr>
<tr>
<td><strong>Heat emission (max.)</strong></td>
<td>690 watts</td>
<td>690 watts</td>
</tr>
<tr>
<td><strong>Exterior dimensions (including distance from wall and door handle)</strong></td>
<td>w x d x h = 77 x 76 x 195,5 cm</td>
<td>w x d x h = 77 x 98 x 195,5 cm</td>
</tr>
<tr>
<td><strong>Interior dimensions</strong></td>
<td>w x d x h = 62 x 57 x 140 cm</td>
<td>w x d x h = 62 x 77 x 140 cm</td>
</tr>
<tr>
<td><strong>Exterior dimensions with door open at 90°</strong></td>
<td>w x d = 77 x 144 cm</td>
<td>w x d = 77 x 166 cm</td>
</tr>
<tr>
<td><strong>Shelf size</strong></td>
<td>w x d = 59 x 45 cm</td>
<td>w x d = 59 x 65 cm</td>
</tr>
<tr>
<td><strong>Max. load shelf</strong></td>
<td>40 kg</td>
<td>40 kg</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>Net weight 140 kg, gross weight 170 kg</td>
<td>Net weight 165 kg, gross weight 200 kg</td>
</tr>
</tbody>
</table>

*usable width 2 cm, usable depth 11 cm, usable height 13 cm less.*

**Optional equipment**

- **Power failure alarm** (visual and audible alarm), the monitoring unit remains in operation for approx. 72 hours on battery power.
- **Adjustable feet** to compensate uneven floors.
- **Decorative door frame** for attaching the customer’s decorative plates.
- **Cooling machine water-cooled.**
- **Outer housing in stainless steel 4301**, longitudinal brushed.
- **Plastic-drawer on roller runners**, conductive (only FROSTER-LABEX®-530) w x d x h = 57 x 39 x 5.6 cm (a maximum of twelve drawers is possible).
- **Additional length and cross dividers** for the drawer (only FROSTER-LABEX®-530).
- **Additional shelf** on rails or overlays.
- **Basket**
  - FROSTER-LABEX®-530: w x d x h = 60 x 45 x 10 cm,
  - FROSTER-LABEX®-730: w x d x h = 60 x 65 x 10 cm, each with rails.
- **Aluminium tray**
  - FROSTER-LABEX®-530: w x d x h = 60 x 40 x 2.5 cm,
  - FROSTER-LABEX®-730: w x d x h = 60 x 65 x 2.5 cm, each with rails.
- **GSM-Module** for alarm text message transmission (e.g., to a mobile phone).
- **Temperature documentation:**