Luxury pull-out system for domestic appliances.
Quadro Compact FE and Quadro Compact HD
Hettich is re-defining the perfect kitchen: Luxurious convenience from kitchen furniture to fitted appliance. The high-quality Quadro Compact runner takes the convenience of automatic closure to refrigerator and freezer compartments as well as warming drawers. But that’s not all. Quadro Compact also gives kitchen appliance manufacturers new potential to stand apart in the design, ergonomics and practical functionality of domestic appliances.

**The best basis: Quadro with Silent System**

Quadro Compact is based on the extremely durable Quadro runner system that uses the ball-bearing principle and has been tried and proven in thousands of applications. Steel balls in ultra-precision steel profiles guarantee silky smooth running action while providing maximum stability both vertically and horizontally. Benefiting from Silent System for soft closure, shutting drawers hardly makes a noise either. The concealed runner leaves the visual emphasis on the design of the refrigerator and freezer compartment or warming drawer. Quadro Compact performs perfectly even at extreme temperatures from – 25 °C to + 90 °C, closing refrigerator and freezer compartments as well as warming drawers gently, quietly and with controlled action.

Kitchen buyers also enjoy the other benefits of a Quadro Compact pull-out: An ergonomic environment to work in, contents they can find at a glance and easy access to all provisions.

Quadro Compact drawer runners are designed as a product family. With a loading capacity of up to 80 kg, the Quadro Compact HD runner is a reliable performer from crisper compartments in refrigerators to drawers in fridges and freezers. Carrying loads of up to 45 kg, the Quadro Compact FE can be used in refrigerator crispers and warming drawers.
Quadro Compact FE
Loading capacity up to 45 kg

Modular system

Quadro Compact has been designed on the modular principle. The system’s modular structure is tailored exactly to the specific requirements of fitted appliances, such as refrigerators, freezer cabinets and warming drawers. Possible applications are diverse and varied: As full or over-extension runner, with or without Silent System, for mounting to the side with brackets facing up or down or to the base. Latest module: the entire runner finished in white.

Different mounting options
Quadro Compact FE
Loading capacity up to 45 kg
Different mounting options

Side mounting
with brackets facing up or down

Base mounting
with brackets
without brackets

Cantilever
Quadro Compact FE
Loading capacity up to 45 kg
Connecting runner to carcase

with separate bracket

variable bracket positioning

fixed bracket positioning

520 mm max.
20.47"

114.5 mm min.
4.51"

38.5 mm
1.52"

70 mm
2.78"
Quadro Compact FE
Loading capacity up to 45 kg

Connecting runner to drawer

The internal drawer is fitted and removed using an easy-to-operate clip system. The drawer is simply clipped on to the runner, allowing it to engage with the catch at the front. The drawer is additionally held on the runner by a stop spring. To remove the drawer simply disengage the clip. Also ideal for cleaning purposes.

The screw attachment option selected should suit the materials being used as well as drawer loading.
Quadro Compact FE
Loading capacity up to 45 kg
Flexible installation widths

Minimum installation width; without self-closing function

Minimum installation width; self-closing system outside

Maximum installation width; self-closing system outside

Minimum installation width; self-closing system inside

Maximum installation width; self-closing system inside
Dimensions for refrigerator drawer

- **without self-closing function**
- **with self-closing system outside**
- **with self-closing system inside**
Quadro Compact FE
Loading capacity up to 45 kg

Example applications

for refrigerator and freezer cabinet
Full-extension runner

Over-extension runner

for warming drawer
Full-extension runner

Over-extension runner
**Quadro Compact FE**
Loading capacity up to 45 kg

**Technical specifications**

<table>
<thead>
<tr>
<th>Function</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material / surface</td>
<td>Steel, galvanised</td>
</tr>
<tr>
<td>Loading capacity in newtons</td>
<td>Up to 450 N (depending on specific drawer configuration)</td>
</tr>
</tbody>
</table>
| Number of test cycles     | Refrigerator: 100,000  
Freezer cabinet: 50,000  
Warming drawer: 30,000                                           |
| Temperature range         | Refrigerator: 5°C / 41°F  
Freezer cabinet: -25°C / 13°F  
Warming drawer: 90°C / 194°F  
Room temperature: 23°C / 73°F                                        |
| Corrosion Test            | Refrigerator/freezer cabinet: Atomised salt-spray test (96 h) without red rust*  
Condensation-water test (500 h) without red rust*  
Warming drawer: customer-specific                                       |
| Lubrication               | H1 approved grease (runner and buffers)**                                    |
| Bracket material thickness| 1.5 mm or 2 mm                                                                |

* apart from subsequently machined surfaces and cut edges  
** Note: Areas greased on the runners must not be cleaned
Quadro Compact HD
Loading capacity up to 80 kg

Modular system

Quadro Compact has been designed on the modular principle. The system's modular structure is tailored exactly to the specific requirements of refrigerators and freezer cabinets. Possible applications are diverse and varied: As full or over-extension runner, with or without Silent System, for mounting to the side with brackets facing up or down or to the base. Latest module: the entire runner finished in white.
Quadro Compact HD
Loading capacity up to 80 kg
Different mounting options

Side mounting
with brackets facing up or down
Quadro Compact HD
Loading capacity up to 80 kg
Connecting runner to carcase
Quadro Compact HD
Loading capacity up to 80 kg

Connecting runner to drawer

The screw attachment option selected should suit the materials being used as well as drawer loading.

Clip system
The internal drawer is fitted and removed using an easy-to-operate clip system. The drawer is simply clipped on to the runner, allowing it to engage with the catch at the front. The drawer is additionally held on the runner by a stop spring. To remove the drawer simply disengage the clip. Also ideal for cleaning purposes.
Quadro Compact HD
Loading capacity up to 80 kg
Flexible installation widths

minimum installation width; without self-closing function

minimum installation width; self-closing system outside

minimum installation width; self-closing system inside

maximum installation width; self-closing system outside

maximum installation width; self-closing system inside
Dimensions for refrigerator drawer

- **Without self-closing function**

- **With self-closing system inside**

- **With self-closing system outside**
Quadro Compact HD
Loading capacity up to 80 kg

Example applications

for refrigerator and freezer cabinet
Full-extension runner
# Quadro Compact HD

Loading capacity up to 80 kg

## Technical specifications

<table>
<thead>
<tr>
<th>Function</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Material / surface</strong></td>
<td>Steel, galvanised</td>
</tr>
<tr>
<td><strong>Loading capacity in newtons</strong></td>
<td>Up to 800 N (depending on specific drawer configuration)</td>
</tr>
</tbody>
</table>
| **Number of test cycles** | Refrigerator: 100,000  
Freezer cabinet: 50,000 |
| **Temperature range**     | Refrigerator: 5°C / 41°F  
Freezer cabinet: -25°C / 13°F  
Room temperature: 23°C / 73°F |
| **Corrosion Test**        | Refrigerator/freezer cabinet:  
Atomised salt-spray test (96 h) without red rust*  
Condensation-water test (500 h) without red rust* |
| **Lubrication**           | H1 approved grease (runner and buffers)** |
| **Bracket material thickness** | 2 mm |

* apart from subsequently machined surfaces and cut edges

** Note: Areas greased on the runners must not be cleaned