

# Refrigerated container KOALA 70

16/01/2025 - Rev.1

GN 1/1



## Refrigerated container for the transport of temperature-controlled products


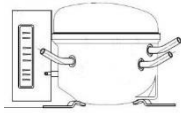




- Brand: MELFORM
- Country of origin: ITALY
- Customs code: 84181080
- Compatible with food contact
- Color: grey/blue
- Dual power supply: 12Vdc and 230Vac
- Technology: rotomoulding
- Warranty: 24 months
- Fully recyclable at the end of its operational life.

### MANUFACTURING MATERIALS

|                           |  |   |   |
|---------------------------|--|---|---|
| <b>Polyethylene</b>       | internal and external walls of the container and door; suitable for food contact | <b>Polyurethane</b>                         | insulating material between the walls of the container and the door, free of CFC and HCFC |
| <b>Silicone rubber</b>    | gasket   | <b>Polyamide reinforced with fiberglass</b> | Hinges  |
| <b>Galvanized steel</b>   | Carter   | <b>Stainless steel</b>                      | closures, gripping handles  |
| <b>Acetal resin (POM)</b> | handle cover   |   |   |

| Model                            | Product code               | EAN code                       | Ext. dim (mm) | Int. dim (mm) | Capacity (liters) | Weight (kg) |
|----------------------------------|----------------------------|--------------------------------|---------------|---------------|-------------------|-------------|
| <b>Back cooling unit, static</b> | K70AFDSDYM0<br>K70AFDSDZM0 | 8022949177096<br>8022949177638 | 440x815xh480  | 325x540xh360  | 68                | 24          |

## FEATURES COOLING UNIT

|   |  |  |  |
|---|--|--|--|
|  | The ventilation system ensures greater speed and uniformity of diffusion of cold and heat inside the container   |  | Hermetic compressor with electronic control unit for regulation and control equipped with surge protection                       |
|  | Guaranteed cooling unit performance for ambient T-use:<br><b>+10°C to +30°C</b><br>Container (isothermal body) guaranteed for use:<br><b>-30°C to +100°C</b> |  | Cables <b>230Vac</b> 50-60Hz power supply<br><br>(standard equipment)  |
|  | Cable <b>12Vdc</b> power supply with Anderson terminals<br><br>(standard equipment)  |   | Cables <b>12Vdc</b> power supply with Anderson terminal on the KOALA side and cigarette lighter plug<br><br>(standard equipment) |
| Degree of accuracy: <b>+/-0.5 °C</b><br>Refrigerant gas: <b>R134a</b>             |  |  |  |

## PRODUCT FEATURES

|   |   |  |   |
|---|---|--|---|
|   | Easily removable lid sealing gasket   |   | Equipped with 8 seats with 4 cm pitch. It can carry: <ul style="list-style-type: none"> <li>• 4GN1/1 H65</li> <li>• 2GN1/1 H150</li> <li>• 1GN1/1 H65+2GN1/1 H100</li> <li>• 1GN1/1 H100+1GN1/1 H200.</li> </ul>  |
|  | Equipped with a door that can be opened up to 240° and easily removable, to facilitate washing operations |  | Melform stainless steel closing hooks   |
|  | Stainless steel gripping handles with handle cover  |  | Equipped with adjustable vent valve   |
|  | Equipped with hinges made of shockproof and stress-resistant material                                     |   | Monobloc structure, without edges, joints and welds   |
|  | Insulation with CFC- and HCFC-free polyurethane foam  |   | Smartdolly cart <ul style="list-style-type: none"> <li>• capacity 150 Kg;</li> <li>• 4 anti-trace rubber wheels and PP core;</li> <li>• Diam wheels: 100mm;</li> <li>• 2 fixed wheels ;</li> <li>• 2 swivel wheels</li> </ul> Available with chromed or stainless steel handle. |
|  | USB datalogger available (on request) to record temperature data during transport                         |   | RFID systems for traceability   |

| Model                           | Product code | Absorption nominal  | Fuses  |
|---------------------------------|--------------|---|--|
| Koala 70<br><b>0°C to +10°C</b> | K70AFDSDYM0  | <b>0.35A</b> at 230Vac<br><b>7A</b> at 12Vdc<br><b>(85 W)</b> | <b>4A</b> for 230Vac<br><b>15A</b> for 12Vdc |
| Koala 70<br><b>0°C to +40°C</b> | K70AFDSDZM0  | <b>0.35A</b> at 230Vac<br><b>7A</b> at 12Vdc<br><b>(85 W)</b> | <b>4A</b> for 230Vac<br><b>15A</b> for 12Vdc |

| ACCESSORIES                               | Amperage | Weight (Kg) | Ext. Dim. (mm) | Code      |
|---|----------|-------------|----------------|-----------|
| Stainless steel grid GN1/1                |          | 1,3         | 530x325x12     | AEA020    |
| Smartdolly trolley without handle         |          | 7,1         | 525x750x210    | MAXI9007  |
| Smartdolly trolley stainless steel handle |          | 9,5         | 525x750x965    | MAXI0018  |
| Smartdolly trolley chrome handle          |          | 9,5         | 525x750x965    | MAXI0019  |
| Power bank charger 12V for KOALA          | 100 Ah   | 22          | 345x315xh340   | ePB100A01 |
| Power bank charger 12V for KOALA          | 120 Ah   | 26          | 345x315xh340   | ePB120A01 |
| Power bank charger 12V for KOALA          | 150 Ah   | 28          | 345x315xh340   | ePB150A01 |
| USB Data Logger Range -30°C +70°C         |          |             |                | AFG007    |
| Card holder                               |          | 0,05        | A5             | RRI141    |