

Refrigerated container KOALA 50

20/01/2025 - Rev.1



Refrigerated container for the transport of temperature-controlled products


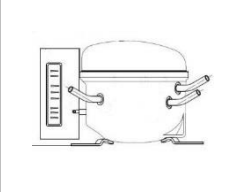




- Brand: MELFORM
- Country of origin: ITALY
- Customs code: 84181080
- Compatible with food contact
- Color: grey/blue
- Dual power supply: 12Vdc and 230Vac
- Technology: rotomoulding
- Warranty: 24 months
- Fully recyclable at the end of its operational life.

MANUFACTURING MATERIALS

| | | | |
|------------------------|---|---------------------------------|---|
| Polyethylene | inner and outer walls of the container and lid; suitable for food contact | Polyurethane | insulating material between the walls of the container and the lid, CFC and HCFC free |
| Silicone rubber | gasket | Polyamide and fiberglass | closures |
| Aluminium | crankcase control panel | Stainless steel | gripping handles |

| Model | Product code | EAN code | Ext. dim. (mm) | Int. dim. (mm) | Capacity (liters) | Weight (kg) |
|--|--------------|---------------|----------------|----------------|-------------------|-------------|
| Integrated cooling unit, static | K50ASISDYM0 | 8022949177577 | 495x800xh500 | 335x450xh355 | 53 | 26 |
| | K50ASISBYM0 | 8022949177164 | | | | |
| | K50ASISDZM0 | 8022949177768 | | | | |
| | K50ASISBZM0 | 8022949177416 | | | | |

FEATURES COOLING UNIT

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

PRODUCT FEATURES

| | | | |
|---|--|--|--|
|  | <p>Easily removable lid sealing gasket</p> |  | <p>Zipper integrated in the container</p> |
|  | <p>Melform closing hook in shockproof material</p> |  | <p>Internal evaporator protection grid made of plasticized wire</p> |
|  | <p>Integrated stainless steel gripping handles</p> |  | <p>Temperature regulation and control with programmable digital thermostat</p> |
|  | <p>Monobloc structure, without edges, joints and welds</p> |  | <p>Insulation with CFC- and HCFC-free polyurethane foam</p> |
|  | <p>USB datalogger available (on request) to record temperature data during transport</p> |  | <p>RFID systems for traceability</p> |

| Model | Product code | Absorption nominal | Fuses |
|-----------------------------------|--------------|---|--|
| Koala 50 0°C to +10°C | K50ASISDYM0 | 0.35A at 230Vac 7A at 12Vdc (85 W) | 4A for 230Vac 15A for 12Vdc |
| Koala 50 -25°C to +10°C | K50ASISBYM0 | 0.62A at 230Vac 12A at 12Vdc (150 W) | 4A for 230Vac 25A for 12Vdc |
| Koala 50 0°C to +40°C | K50ASISDZM0 | 0.35A at 230Vac 7A at 12Vdc (85 W) | 4A for 230Vac 15A for 12Vdc |
| Koala 50 -25°C to +40°C | K50ASISBZM0 | 0.62A at 230Vac 12A at 12Vdc (150 W) | 4A for 230Vac 25A for 12Vdc |

| ACCESSORIES | Amperage | Weight (Kg) | Dim. (mm) | Code |
|-----------------------------------|----------|-------------|--------------|-----------|
| Floor/vehicle fixing kit | | | | RRI214 |
| Card holder | | 0,05 | A5 | RRI141 |
| 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 |

