



ATP



## Refrigerated container for the transport at temperature controlled

- Brand: MELFORM
- Country of origin: ITALY
- Customs code: 84181080
- ATP Certificate
- 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; CFC and HCFC free |
| <b>Silicone rubber</b> | gasket   | <b>Polyamide and fiberglass</b> | closures   |
| <b>Stainless steel</b> | gripping handles   | <b>Aluminium</b>                | crankcase and hinge  |









| Model                                  | Product code | EAN code      | Ext. dim. (mm) | Int. dim. (mm) | Capacity (liters) | Weight (kg) |
|--|--------------|---------------|----------------|----------------|-------------------|-------------|
| <b>Integrated cooling unit, static</b> | K140AFISDYM0 | 8022949177539 | 1000x620xh710  | 620x415xh515   | 135               | 46          |
|  | K140AFISBYM0 | 8022949178130 |                |                |                   |             |
|  | K140AFISAYM0 | 8022949178000 |                |                |                   |             |
|  | K140AFISDZM0 | 8022949177782 |                |                |                   |             |
|  | K140AFISBZM0 | 8022949177973 |                |                |                   |             |
|  | K140AFISAZM0 | 8022949177188 |                |                |                   |             |



## FEATURES COOLING UNIT

|  |  |  |   |
|--|--|--|---|
|   | Static refrigeration unit version equipped with "roll-bond" type static evaporator   |  | Hermetic compressor with electronic control unit for regulation and control equipped with surge protection                                    |
|   | Guaranteed refrigeration unit performance for ambient T-use:<br><b>+10°C to +30°C</b><br>Container (isothermal case) guaranteed for use:<br><b>-30°C to +100°C</b>         |  | Cables <b>230Vac</b> 50-60Hz power supply<br><br>( <u>standard equipment</u> )  |
|   | Cables for <b>12Vdc</b> power supply with Anderson terminals<br><br>( <u>standard equipment</u> )  |   | Cables for <b>12Vdc</b> power supply with Anderson terminal on the KOALA side and cigarette lighter plug<br><br>( <u>depending on model</u> ) |
|   | Cables for <b>12Vdc</b> power supply with Anderson terminal on the KOALA side and fork terminal for connection to the vehicle battery<br><br>( <u>depending on model</u> ) |  | Temperature regulation and control with programmable digital thermostat   |
| <p>Degree of accuracy: <b>+/-0.5 °C</b><br/> Refrigerant gas: <b>R134a (version 0°C +10/+40°C);</b><br/> <b>R452a (versions -25°C +10/+40°C, -30°C +10/+40°C)</b><br/> Global heat transfer coefficient: <b>K=0.34 W/m²K</b></p> |  |  |   |

## PRODUCT FEATURES

|   |  |   |   |
|---|--|---|---|
|  | Door sealing gasket easily removable   |  | Closing hooks in shockproof material  |
|  | Equipped with opening door up to 240°, with zipper integrated in the container |  | 5 seats for housing grids positioned at 62/152/242/332/422 mm from the base of the container. Grills available on request |
|  | Monobloc structure, without edges, joints and welds                            |  | Stainless steel grid for load division.   |
|  | Equipped with integrated stainless steel grip handles                          |  | USB datalogger available (on request) to record temperature data during transport   |

| Model                              | Product code | Feeding<br>12V<br>Fork terminal | Feeding<br>12V<br>Cigarette<br>lighter<br>plug | Absorption<br>nominal   | Fuses  |
|------------------------------------|--------------|---------------------------------|--|---|--|
| Koala 140<br><b>0°C to +10°C</b>   | K140AFISDYM0 |                                 | ✓  | <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 140<br><b>-25°C to +10°C</b> | K140AFISBYM0 | ✓                               |  | <b>1A</b> at 230Vac<br><b>18A</b> at 12Vdc<br><b>(220 W)</b>  | <b>4A</b> for 230Vac<br><b>30A</b> for 12Vdc |
| Koala 140<br><b>-30°C to +10°C</b> | K140AFISAYM0 | ✓                               |  | <b>1A</b> at 230Vac<br><b>18A</b> at 12Vdc<br><b>(220 W)</b>  | <b>4A</b> for 230Vac<br><b>30A</b> for 12Vdc |
| Koala 140<br><b>0°C to +40°C</b>   | K140AFISDZM0 |                                 | ✓  | <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 140<br><b>-25°C to +40°C</b> | K140AFISBZM0 | ✓                               |  | <b>1A</b> at 230Vac<br><b>18A</b> at 12Vdc<br><b>(220 W)</b>  | <b>4A</b> for 230Vac<br><b>30A</b> for 12Vdc |
| Koala 140<br><b>-30°C to +40°C</b> | K140AFISAZM0 | ✓                               |  | <b>1A</b> at 230Vac<br><b>18A</b> at 12Vdc<br><b>(220 W)</b>  | <b>4A</b> for 230Vac<br><b>30A</b> for 12Vdc |

| ACCESSORIES                           | Amperage | Weight (Kg) | Dim. (mm)    | Code      |
|---------------------------------------|----------|-------------|--------------|-----------|
| Stainless steel grid                  |          | 2,2         | 450x620x12   | AEA030    |
| Trolley locking kit                   |          |             |              | RRI137    |
| Galvanized steel trolley              |          |             |              | AIB005    |
| Safety fixing kit on floor            |          |             |              | RRI144    |
| Power bank charger 12V for<br>KOALA   | 100 Ah   | 22          | 345x315xh340 | ePB100A01 |
| Power bank charger 12V for<br>KOALA   | 120 Ah   | 26          | 345x315xh340 | ePB120A01 |
| Power bank charger 12V for<br>KOALA   | 150 Ah   | 28          | 345x315xh340 | ePB150A01 |
| USB Data Logger Range -<br>30°C +70°C |          |             |              | AFG007    |
| Expanding card holder                 |          | 0,05        | A5           | RRI170    |