



## 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.


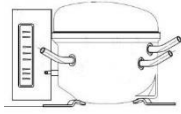




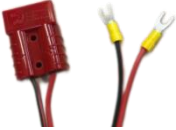
### MANUFACTURING MATERIALS

|                        |  |                        |  |
|------------------------|--|------------------------|--|
| <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; CFC and HCFC free |
| <b>Silicone rubber</b> | gasket   | <b>Stainless steel</b> | handle and closing hooks, gripping handles   |
| <b>Aluminium</b>       | Crankcase control panel  |                        |  |









| Model                           | Code product | Code EAN      | Ext. dim. (mm) | Int. dim. (mm) | Capacity (liters) | Weight (kg) |
|---------------------------------|--------------|---------------|----------------|----------------|-------------------|-------------|
| Integrated cooling unit, static | K32AFISDYM0  | 8022949177744 | 420x753xh493   | 268x372xh322   | 32                | 30          |
|                                 | K32AFISBYM0  | 8022949177461 |                |                |                   |             |
|                                 | K32AFISAYM0  | 8022949177218 |                |                |                   |             |
|                                 | K32AFISDZM0  | 8022949178017 |                |                |                   |             |
|                                 | K32AFISBZM0  | 8022949177393 |                |                |                   |             |
|                                 | K32AFISAZM0  | 8022949177713 |                |                |                   |             |



## FEATURES COOLING UNIT

|   |   |  |  |
|---|---|--|--|
|    | Static cooling 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 for 230Vac 50-60Hz power supply<br><br>( <u>standard equipment</u> )  |
|    | Cables for 12Vdc power supply with Anderson terminals<br><br>( <u>standard equipment</u> )  |   | Cables for 12Vdc power supply with Anderson terminal on the KOALA side and cigarette lighter plug<br><br>( <u>present depending on the model</u> ) |
|   | Cables for 12Vdc power supply with Anderson terminal on the KOALA side and fork terminal for connection to the vehicle battery<br><br>( <u>present depending on the model</u> ) |  |  |
| <p>Degree of accuracy: <b>+/-0.5 °C</b><br/>           Refrigerant gas: <b>R134a</b> (versions 0°C +10/+40°C; -25°C +10/+40°C);<br/> <b>R452a</b> (version -30°C +10/+40°C)</p> |   |  |  |

## PRODUCT FEATURES

|   |   |  |   |
|---|---|--|---|
|  | Door sealing gasket fixed with stainless steel dots                               |  | Evaporator protection grid made of plasticized wire                     |
|  | Practical and resistant locking system  |  | Stainless steel grip handles integrated into the body                   |
|  | Adjustable relief valve   |  | Temperature regulation and control with programmable digital thermostat |
|  | USB datalogger available (on request) to record temperature data during transport |   | RFID systems for traceability   |

| Model                                 | Product code | 12V supply<br>Fork terminal | 12V supply<br>Cigarette<br>lighter plug | Absorption<br>nominal   | Fuses  |
|---------------------------------------|--------------|-----------------------------|---|---|--|
| Koala 32 AF<br><b>0°C to +10°C C</b>  | K32AFISDYM0  |                             | ✓                                       | <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 32 AF<br><b>-25°C to +10°C</b>  | K32AFISBYM0  | ✓                           |   | <b>0.62A</b> at 230Vac<br><b>12A</b> to 12Vdc<br><b>(150 W)</b> | <b>4A</b> for 230Vac<br><b>25A</b> for 12Vdc |
| Koala 32 AF<br><b>-30°C to +10°C</b>  | K32AFISAYM0  | ✓                           |   | <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 32 AFH<br><b>0°C to +40°C</b>   | K32AFISDZM0  |                             | ✓                                       | <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 32 AFH<br><b>-25°C to +40°C</b> | K32AFISBZM0  | ✓                           |   | <b>0.62A</b> at 230Vac<br><b>12A</b> to 12Vdc<br><b>(150 W)</b> | <b>4A</b> for 230Vac<br><b>25A</b> for 12Vdc |
| Koala 32 AFH<br><b>-30°C to +40°C</b> | K32AFISAZM0  | ✓                           |   | <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      |
|---------------------------------------|----------|-------------|--------------|-----------|
| Fixing kit modular system             |          | 0,65        |              | RRI137    |
| Fixing kit on vehicle                 |          | 1           |              | 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    |
| Card holder                           |          | 0,05        | A5           | RRI141    |