



ATP



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


- Brand: MELFORM
- Country of origin: ITALY
- Customs code: 84181080
- ATP Certificate
- Compatible with food contact
- Color: melange 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</b>	K140AFISDYM0	8022949177539	1000x620xh710	620x 415xh515	135	46
	K140AFISCYM0	8022949177904				
	K140AFISBYM0	8022949178130				
	K140AFISAYM0	8022949178000				
	K140AFISDZM0	8022949177782				
	K140AFISCZM0	8022949178109				
	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: <b>+10°C to +30°C</b> Container (isothermal case) guaranteed for use: <b>-30°C to +100°C</b>		Cables <b>230Vac</b> 50-60Hz power supply  ( <u>standard equipment</u> )
	Cables for <b>12Vdc</b> power supply with Anderson terminals  ( <u>standard equipment</u> )		Cables for <b>12Vdc</b> power supply with Anderson terminal on the KOALA side and cigarette lighter plug  ( <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  ( <u>depending on model</u> )		
Degree of accuracy: <b>+/-0.5 °C</b> Refrigerant gas: <b>R134a (version 0°C +10/+40°C);</b> <b>R452a (versions -18°C +10/+40°C, -25°C +10/+40°C, -30°C +10/+40°C)</b> Global heat transfer coefficient: <b>K=0.34 W/m²K</b>			

## 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		Temperature regulation and control with programmable digital thermostat
	Equipped with integrated stainless steel grip handles		Insulation with CFC- and HCFC-free polyurethane foam
	USB datalogger available (on request) to record temperature data during transport		RFID systems for traceability

Model	Product code	Feeding 12V Fork terminal	Feeding 12V Cigarette lighter plug	Absorption nominal	Fuses
Koala 140 <b>0°C to +10°C</b>	K140AFISDYM0		✓	<b>0.35A</b> at 230Vac <b>7A</b> at 12Vdc <b>(85 W)</b>	<b>4A</b> for 230Vac <b>15A</b> for 12Vdc
Koala 140 <b>-18°C to +10°C</b>	K140AFISCYM0	✓		<b>1A</b> at 230Vac <b>18A</b> at 12Vdc <b>(220 W)</b>	<b>4A</b> for 230Vac <b>30A</b> for 12Vdc
Koala 140 <b>-25°C to +10°C</b>	K140AFISBYM0	✓		<b>1A</b> at 230Vac <b>18A</b> at 12Vdc <b>(220 W)</b>	<b>4A</b> for 230Vac <b>30A</b> for 12Vdc
Koala 140 <b>-30°C to +10°C</b>	K140AFISAYM0	✓		<b>1A</b> at 230Vac <b>18A</b> at 12Vdc <b>(220 W)</b>	<b>4A</b> for 230Vac <b>30A</b> for 12Vdc
Koala 140 <b>0°C to +40°C</b>	K140AFISDZM0		✓	<b>0.35A</b> at 230Vac <b>7A</b> at 12Vdc <b>(85 W)</b>	<b>4A</b> for 230Vac <b>15A</b> for 12Vdc
Koala 140 <b>-18°C to +40°C</b>	K140AFISCZM0	✓		<b>1A</b> at 230Vac <b>18A</b> at 12Vdc <b>(220 W)</b>	<b>4A</b> for 230Vac <b>30A</b> for 12Vdc
Koala 140 <b>-25°C to +40°C</b>	K140AFISBZM0	✓		<b>1A</b> at 230Vac <b>18A</b> at 12Vdc <b>(220 W)</b>	<b>4A</b> for 230Vac <b>30A</b> for 12Vdc
Koala 140 <b>-30°C to +40°C</b>	K140AFISAZM0	✓		<b>1A</b> at 230Vac <b>18A</b> at 12Vdc <b>(220 W)</b>	<b>4A</b> for 230Vac <b>30A</b> for 12Vdc

ACCESSORIES	Code
Stainless steel grid	AEA030
Trolley locking kit	RRI137
Galvanized steel trolley	AIB005
Fixing kit on vehicle	RRI144