

# Refrigerated container KOALA 370

20/01/2025 - Rev.1



ATP



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



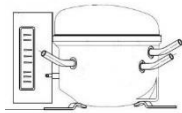




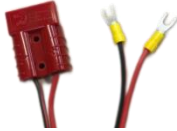
- Brand: MELFORM
- Country of origin: ITALY
- Customs code: 84181080
- ATP certificate
- Compatible with food contact
- Colour: grey/blue
- Available in version on wheels, pallets & feet
- Double power supply: 12Vdc and 230Vac
- Technology: rotomoulding
- Warranty: 24 months
- Fully recyclable at end of life.

### MANUFACTURING MATERIALS



<b>Polyethylene</b>	inner and outer walls of the container and lid; suitable for food contact	<b>Polyurethane</b>	insulating material between the walls of the container and of the lid; free of CFC and HCFC
<b>Silicone</b>	gasket	<b>Rubber and polyamide</b>	castors (rubber tread and polyamide core)
<b>Galvanized steel</b>	cooling unit frame, hinge rods, plates connecting rods hinge, castors support	<b>Stainless steel</b>	handling handles, locking handle, inner rod of the door
<b>Polypropylene</b>	hinges		







ACCESSORIES	Amperage	Weight (Kg)	Dim. (mm)	Code
Card holder		0,05	A5	RRI141
Stainless steel grid		3,8	650x610xh16	AEA018
Floor/vehicle fixing kit (for basic version)				RRI222
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

## COOLING UNIT FEATURES

	Static version with a "roll-bond" static evaporator.		Ventilated version for greater speed of achievement and uniformity of temperature inside the container
	Hermetic compressor with electronic control unit for adjustment and control equipped with overvoltage protections.		Cooling unit performance guaranteed for use at ambient temperature: from +10°C to +30°C. Container (insulated box) guaranteed for use: from -30°C to +100°C.
	Cables for 230Vac 50-60Hz power supply  (standard equipment)		Cables for 12Vdc power supply with Anderson terminals  (standard equipment)
	Cables for 12Vdc power supply with Anderson terminals on container and cigarette lighter socket of the vehicle  (depending on the model)		Cables for 12Vdc power supply with Anderson terminals on container and fork terminal for battery of the vehicle  (depending on the model)
<p><b>Degree of accuracy: +/-0.5°C</b>  <b>Refrigerant gas: R134a (version 0°C +10/+40°C); R452a (versions -18°C +10/+40°C)</b>  <b>Global coefficient of thermal transmission: K=0.32 W/m2K</b></p>			

## PRODUCT FEATURES

	3 seats for housing of grids positioned to 335/500/665mm from the bottom of the container.		Door opening up to 270° with door retaining catch.
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	<p>Stainless steel locking handle with release button; it is prepared for the use of tamper-proof system.</p>		<p>Stainless steel rod with 2 hooks integrated inside the door.</p>
	<p>Easily removable door gasket</p>		<p>Adjustment and control of the temperature with programmable digital thermostat.</p>
	<p>USB data logger to record temperature data during transport.</p>		<p>RFID systems for traceability</p>



Model	Product code	12V Power supply fork terminal	12V Power supply cigarette lighter socket	Nominal absorption	Fuses
<b>Top cooling unit, static from 0°C to +10°C</b>	K370AFTSDYM1		✓	<b>0,62A to 230Vac 12A to 12Vdc (150 W)</b>	<b>4A for 230Vac 25A for 12Vdc</b>
<b>Back cooling unit, static from 0°C to +10°C</b>	K370AFDSDYM1		✓	<b>0,62A to 230Vac 12A to 12Vdc (150 W)</b>	<b>4A for 230Vac 25A for 12Vdc</b>
<b>Top cooling unit, ventilated from 0°C to +10°C</b>	K370AFTVDYM1	✓		<b>0,62A to 230Vac 12A to 12Vdc (150 W)</b>	<b>4A for 230Vac 25A for 12Vdc</b>
<b>Back cooling unit, ventilated from 0°C to +10°C</b>	K370AFDVDYM1	✓		<b>0,62A to 230Vac 12A to 12Vdc (150 W)</b>	<b>4A for 230Vac 25A for 12Vdc</b>
<b>Top cooling unit, ventilated from -18°C to +10°C</b>	K370AFTVCYM1	✓		<b>1A to 230Vac 25A to 12Vdc (300 W)</b>	<b>4A for 230Vac 30A for 12Vdc</b>
<b>Back cooling unit, ventilated from -18°C to +10°C</b>	K370AFDVCYM1	✓		<b>1A to 230Vac 25A to 12Vdc (300 W)</b>	<b>4A for 230Vac 30A for 12Vdc</b>
<b>Top cooling unit, static from 0°C to +40°C</b>	K370AFTSDZM1		✓	<b>0,62A to 230Vac 12A to 12Vdc (150 W)</b>	<b>4A for 230Vac 25A for 12Vdc</b>
<b>Back cooling unit, static from 0°C to +40°C</b>	K370AFDSDZM1		✓	<b>0,62A to 230Vac 12A to 12Vdc (150 W)</b>	<b>4A for 230Vac 25A for 12Vdc</b>
<b>cooling unit on top ventilated from 0°C to +40°C</b>	K370AFTVDZM1	✓		<b>0,62A to 230Vac 12A to 12Vdc (150 W)</b>	<b>4A for 230Vac 25A for 12Vdc</b>
<b>Back cooling unit, ventilated from 0°C to +40°C</b>	K370AFDVDZM1	✓		<b>0,62A to 230Vac 12A to 12Vdc (150 W)</b>	<b>4A for 230Vac 25A for 12Vdc</b>
<b>Top cooling unit, ventilated from -18°C to +40°C</b>	K370AFTVCZM1	✓		<b>1A to 230Vac 25A to 12Vdc (300 W)</b>	<b>4A for 230Vac 30A for 12Vdc</b>
<b>Back cooling unit, ventilated from -18°C to +40°C</b>	K370AFDVCZM1	✓		<b>1A to 230Vac 25A to 12Vdc (300 W)</b>	<b>4A for 230Vac 30A for 12Vdc</b>

Model	Product code	EAN Code	Ext. dim. (mm)	Int. Dim. (mm)	Capacity (l)	Weight (Kg)
<b>Top cooling unit, positive, static</b>	K370AFTSDYM1 K370AFTSDZM1	8022949178093 8022949178154	800x840xh1470	615x630xh940	370	83
<b>Back cooling unit, positive, static</b>	K370AFDSDYM1 K370AFDSDZM1	8022949178123 8022949177362	800x1000xh1310	615x630xh940	370	85
<b>Top cooling unit, positive, ventilated</b>	K370AFTVDYM1 K370AFTVDZM1	8022949178116 8022949177102	800x840xh1530	615x630xh960	370	95
<b>Back cooling unit, positive, ventilated</b>	K370AFDVDYM1 K370AFDVDZM1	8022949177775 8022949177614	800x1090xh1310	615x630xh960	370	95
<b>Top cooling unit, negative, ventilated</b>	K370AFTVCYM1 K370AFTVCZM1	8022949177287 8022949178062	800x840xh1530	615x630xh840	325	95
<b>Back cooling unit, negative, ventilated</b>	K370AFDVCYM1 K370AFDVCZM1	8022949177881 8022949177928	800x1090xh1310	615x630xh840	325	95



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