

Refrigerated container KOALA 1300

24/01/2025 - Rev.2



80x120

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: grey/blue
- Available in version on wheels. Available on request in Basic and feet version
- Dual power supply: 12Vdc and 230Vac
- Technology: rotomoulding
- Warranty: 24 months
- Fully recyclable at the end of its operational life.

MANUFACTURING MATERIALS


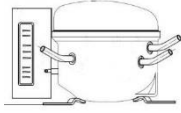



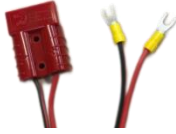
Polyethylene	internal and external walls of the container and door; suitable for food contact	Polyurethane	insulating material between the walls of the container and the door, free of CFC and HCFC
Silicone rubber	gasket	Rubber and polyamide	wheels (rubber tread and polyamide core)
Galvanized steel	crankcase, hinge rods, hinge rod connection plates, support wheels	Stainless steel	handling handles, closing handle, rod inside the door
Polypropylene	Hinges		

Model	Product code	EAN code	Ext. dim. (mm)	Int. dim. (mm)	Capacity (liters)	Weight (kg)
Top cooling unit, ventilated, version on wheels	K1300AFTVDYM1	8022949177607	985X1405Xh1925	810x1210xh1140	1115	180
	K1300AFTVCYM1	8022949177379				
	K1300AFTVDZM1	8022949178086				
	K1300AFTVCZM1	8022949177140				




Via Savigliano 34 - 12030 Monasterolo di Savigliano (CN) -ITALY
 Phone +39 0172812600 - info@melform.com
www.melform.com

FEATURES COOLING UNIT

	The ventilation system ensures greater speed and uniformity of diffusion of cold and heat inside the container		Hermetic compressor with electronic control unit for regulation and control equipped with surge protection
	Guaranteed refrigeration unit performance for ambient T-use: +10°C to +30°C Container (isothermal case) guaranteed for use: -30°C to +100°C		Cables 230Vac 50-60Hz power supply (standard equipment)
	Cables for 12Vdc power supply with Anderson terminals (standard equipment)		Cables for 12Vdc power supply with Anderson terminal on the KOALA side and fork terminal for connection to the vehicle battery (standard equipment)
<p>Degree of accuracy: +/-0.5 °C Refrigerant gas: R452a Global heat transfer coefficient: K=0.36 W/m²K</p>			

PRODUCT FEATURES

	Equipped with 4 rubber wheels diam. 125 mm (2 fixed and 2 swivel, one of which is equipped with a brake). Wheel support plate integrated in the container		Available in version with: - pallet, with galvanized steel frame - with 6 feet galvanized steel h 120mm
	Stainless steel closing handle with release button; prepared for the use of tamper-evident system		Door sealing gasket easily removable
	Card holder (on request) for identification of content or destination. Suitable for A5 format documents		Double-pin hinge system for a better door stability over time
	Openable door up to 270° with tab-door stop		Stainless steel rod with 2 hooks, integrated inside the door
	Monobloc structure, without edges, joints and welds		Internal grooves to promote good air circulation
	USB datalogger available (on request) to record temperature data during transport		RFID systems for traceability

Model	Product code	Absorption nominal	Fuses
Koala 1300 AF Top cooling unit, ventilated 0°C to +10°C	K1300AFTVDYM1	1A at 230Vac 25A at 12Vdc (300 W)	4A for 230Vac 30A for 12Vdc
Koala 1300 AF Top cooling unit, ventilated -18°C to +10°C	K1300AFTVCYM1	1A at 230Vac 25A at 12Vdc (300 W)	4A for 230Vac 30A for 12Vdc
Koala 1300 AFH Top cooling unit, ventilated 0°C to +40°C	K1300AFTVDZM1	1A at 230Vac 25A at 12Vdc (300 W)	4A for 230Vac 30A for 12Vdc
Koala 1300 AFH Top cooling unit, ventilated -18°C to +40°C	K1300AFTVCZM1	1A at 230Vac 25A at 12Vdc (300 W)	4A for 230Vac 30A for 12Vdc

ACCESSORIES	Amperage	Weight (Kg)	Dim. (mm)	Code
Card holder		0,05	A5	RRI141
Drip tray pallet			800X1200	ANA00101
USB Data Logger Range -30°C +70°C				AFG007
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