

Refrigerated container KOALA 1300TW

27/01/2025 - Rev.1



110x110



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

MANUFACTURING MATERIALS


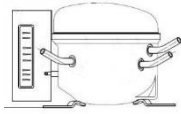



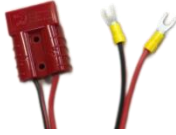
Polyethylene	internal and external walls of the container and door; suitable for food contact	Polyurethane	insulating material between the walls of the container and the door, free of CFC and HCFC
Silicone rubber	gasket	Rubber and polyamide	wheels (rubber tread and polyamide core)
Galvanized steel	crankcase, 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	K130TAFTVDYM1 K130TAFTVDZM1	8022949177409 8022949177898	1100X1100Xh2170	900x910xh1350	1115	175



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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)
Degree of accuracy: +/-0.5 °C Refrigerant gas: R452a			

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 enclosure		Possibility of insertion of: - pallet, with galvanized steel frame at 6 feet of h 120 mm - 4 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 B5 format documents		Double-pin hinge system. 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 1300TW Top cooling unit, ventilated 0°C to +10°C	K130TAFTVDYM1	1A at 230Vac 25A at 12Vdc (300 W)	4A for 230Vac 30A for 12Vdc
Koala 1300TW Top cooling unit, ventilated 0°C to +40°C	K130TAFTVDZM1	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	B5	RRI244
Stainless steel grid		7	935x890x16	AEA024
Floor/vehicle fixing kit (for basic version)		3		RRI223
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