



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 versions basic, pallets, feet
- 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	seal	Rubber and polyamide	wheels (rubber tread and polyamide core)
Galvanized steel	crankcase, hinge rods, plates Hinge rod connection, wheel support	Stainless steel	handling handles, closing handle, rod inside the door
Polypropylene	Hinges		







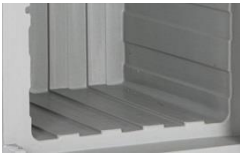



Model	Product code	EAN code	Ext. dim. (mm)	Int. dim (mm)	Capacity (liters)	Weight (kg)
Top cooling unit, ventilated, positive	K780AFTVDYM1	8022949178185	800X1000Xh2170	610x810xh1350	610	145
	K780AFTVDZM1	8022949178048				
Back cooling unit, ventilated, positive	K780AFDVDYM1	8022949177751	800x1250xh1950	610x810xh1350	610	145
	K780AFDVDZM1	8022949177195				
Top cooling unit, ventilated, negative	K780AFTVCYM1	8022949177669	800X1000Xh2170	610x810xh1350	610	145
	K780AFTVCZM1	8022949177591				
Back cooling unit, ventilated, negative	K780AFDVCYM1	8022949177560	800x1250xh1950	610x810xh1350	610	145
	K780AFDVCZM1	8022949177256				



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 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 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 Overall heat transfer coefficient: K=0.35 W/m²K</p>			

PRODUCT FEATURES

	3 seats for housing grids positioned at 385/785/1185mm from the bottom of the container. (gavailable on request)		Openable door up to 270° with latch – tab door
	Stainless steel closing handle with release button; Prepared for the use of tamper-evident system		Stainless steel rod with 2 hooks integrated in the door
	Door sealing gasket easily removable		Temperature regulation and control with programmable digital thermostat
	Internal grooves to promote good air circulation		Double-pin hinge system. Better door stability over time
	USB datalogger available (on request) to record temperature data during transport		RFID systems for traceability

Model	Product code	Absorption nominal	Fuses
Koala 780 Top cooling unit, ventilated 0°C to +10°C	K780AFTVDYM1	1A at 230Vac 25A at 12Vdc (300 W)	4A for 230Vac 30A for 12Vdc
Koala 780 Back cooling unit, ventilated 0°C to +10°C	K780AFDVDYM1	1A at 230Vac 25A at 12Vdc (300 W)	4A for 230Vac 30A for 12Vdc
Koala 780 Top cooling unit, ventilated -18°C to +10°C	K780AFTVCYM1	1A at 230Vac 25A at 12Vdc (300 W)	4A for 230Vac 30A for 12Vdc
Koala 780 Back cooling unit, ventilated -18°C to +10°C	K780AFDVCYM1	1A at 230Vac 25A at 12Vdc (300 W)	4A for 230Vac 30A for 12Vdc
Koala 780 Top cooling unit, ventilated 0°C to +40°C	K780AFTVDZM1	1A at 230Vac 25A at 12Vdc (300 W)	4A for 230Vac 30A for 12Vdc
Koala 780 Back cooling unit, ventilated 0°C to +40°C	K780AFDVDZM1	1A at 230Vac 25A at 12Vdc (300 W)	4A for 230Vac 30A for 12Vdc
Koala 780 Top cooling unit, ventilated -18°C to +40°C	K780AFTVCZM1	1A at 230Vac 25A at 12Vdc (300 W)	4A for 230Vac 30A for 12Vdc
Koala 780 Back cooling unit, ventilated -18°C to +40°C	K780AFDVCZM1	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
Stainless steel grid		4,3	647X790X16	AEA019
Floor/vehicle fixing kit (for basic version)				RRI223
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

