

Refrigerated container KOALA 500

16/01/2023 - Rev.0



ATP



Refrigerated container for the transport of temperature-controlled products


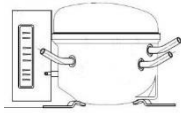



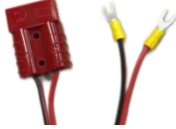
- Brand: MELFORM
- Country of origin: ITALY
- Customs code: 84181080
- ATP Certificate
- Compatible with food contact
- Color: melange grey/blu
- Available in version on wheels, pallets, feet
- Dual power supply: 12Vdc and 230Vac
- Technology: rotomoulding
- Warranty: 24 months
- Fully recyclable at the end of its operational life.

MANUFACTURING MATERIALS







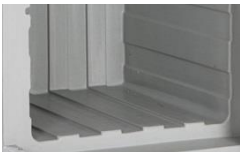



Polyethylene	internal and external walls of the container and door; suitable for food contact	Polyurethane	insulating material between the walls of the container and the door, free of CFC and HCFC
Silicone rubber	gasket	Rubber and polyamide	wheels (rubber tread and polyamide core)
Galvanized steel	crankcase,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

Model	Product Code	EAN Code	Ext. dim. (mm)	Int. dim. (mm)	Capacity (liters)	Weight (kg)
ventilated positive roof fridge	K500AFTVDYM1 K500AFTVDZM1	8022949177157 8022949177737	715X850Xh1915	540x660xh1370	500	116
ventilated positive back fridge	K500AFDVDYM1 K500AFDVDZM1	8022949178031 8022949177676	715X1105Xh1660	540x660xh1370	500	116
Ventilated negative roof fridge	K500AFTVCYM1 K500AFTVCZM1	8022949177942 8022949177522	715X850Xh1915	540x660xh1170	416	120
Ventilated negative back fridge	K500AFDVCYM1 K500AFDVCZM1	8022949177966 8022949177478	715X1105Xh1660	540x660xh1170	416	120

FEATURES COOLING UNIT

	Ventilated cooling unit version for greater speed of achievement and uniformity of temperature inside the container		Hermetic compressor with electronic control unit for regulation and control equipped with surge protection
	Guaranteed cooling unit performance for ambient T-use: +10°C to +30°C Container (isothermal box) 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: R134a (version 0°C +10/+40°C); R452a (versions -18°C +10/+40°C) Overall heat transfer coefficient: K=0.46 W/m²K</p>			

PRODUCT FEATURES

	1 seat for housing the grid positioned 60 cm from the bottom of the container. Grill available 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		Available (on request) version with towing set to handle simultaneously more than one container
	USB datalogger to record temperature data during transport		RFID systems for traceability

Model	Product code	Absorption nominal	Fuses
Koala 500 ventilated roof fridge 0°C to +10°C	K500AFTVDYM1	0.62A at 230Vac 12A to 12Vdc (150 W)	4A for 230Vac 25A for 12Vdc
Koala 500 ventilated back fridge 0°C to +10°C	K500AFDVDYM1	0.62A at 230Vac 12A to 12Vdc (150 W)	4A for 230Vac 25A for 12Vdc
Koala 500 ventilated roof fridge -18°C to +10°C	K500AFTVCYM1	1A at 230Vac 25A at 12Vdc (300 W)	4A for 230Vac 30A for 12Vdc
Koala 500 ventilated back fridge -18°C to +10°C	K500AFDVCYM1	1A at 230Vac 25A at 12Vdc (300 W)	4A for 230Vac 30A for 12Vdc
Koala 500 ventilated roof fridge 0°C to +40°C	K500AFTVDZM1	0.62A at 230Vac 12A at 12Vdc (150 W)	4A for 230Vac 25A for 12Vdc
Koala 500 ventilated back fridge 0°C to +40°C	K500AFDVDZM1	0.62A at 230Vac 12A at 12Vdc (150 W)	4A for 230Vac 25A for 12Vdc
Koala 500 ventilated roof fridge -18°C to +40°C	K500AFTVCZM1	1A at 230Vac 25A at 12Vdc (300 W)	4A for 230Vac 30A for 12Vdc
Koala 500 ventilated back fridge -18°C to +40°C	K500AFDVCZM1	1A at 230Vac 25A at 12Vdc (300 W)	4A for 230Vac 30A for 12Vdc

ACCESSORIES	Code	
Card holder	AMC101	
Stainless steel grid	AEA008	
Plastic tilting grid	PAPE0001	
Fixing kit on vehicle	RRI222	
Lower GN adapter - 9 rails	AAA054	(available for positive models only)
Upper GN adapter - 9 rails	AAA055	(available for positive models only)

