



Refrigerated container for the transport of temperature-controlled products


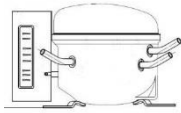




- Brand: MELFORM
- Country of origin: ITALY
- Customs code: 84181080
- Compatible with food contact
- Color: melange grey/blue
- Available in version on wheels, pallets, feet
- Dual power supply: 12Vdc and 230Vac
- Technology: rotomoulding
- Fully recyclable at the end of its operational life.

MANUFACTURING MATERIALS







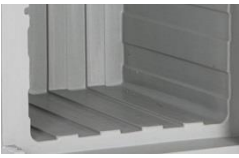



Polyethylene	internal and external walls of the container and door; suitable for food contact	Polyurethane	insulating material between the walls of the container and the door, free of CFC and HCFC
Silicone rubber	seal	Rubber and polyamide	wheels (rubber tread and polyamide core)
Galvanized steel	crankcase, 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)
ventilated positive cooling unit on top	K1000AFTVDYM1 K1000AFTVDZM1	8022949177294 8022949177652	800X1200Xh2170	605x1015xh1350	830	164
ventilated positive cooling unit on back	K1000AFDVDYM1 K1000AFDVDZM1	8022949177850 8022949177584	800X1450Xh1940	605x1015xh1350	830	164
Ventilated negative cooling unit on top	K1000AFTVCYM1 K1000AFTVCZM1	8022949177348 8022949177317	800X1200Xh2170	605x1015xh1350	830	164
Ventilated negative cooling unit on back	K1000AFDVCYM1 K1000AFDVCZM1	8022949177270 8022949177799	800X1450Xh1940	605x1015xh1350	830	164

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)
Degree of accuracy: +/-0.5 °C Refrigerant gas: R452a Overall heat transfer coefficient: K=0.34 W/m²K			

PRODUCT FEATURES

	4 seats for housing grids positioned at 385/785/1185/1250mm from the bottom of the container Grids 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		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 1000 Cooling unit on top ventilated 0°C to +10°C	K1000AFTVDYM1	1A at 230Vac 25A at 12Vdc (300 W)	4A for 230Vac 30A for 12Vdc
Koala 1000 Cooling unit on back ventilated 0°C to +10°C	K1000AFDVDYM1	1A at 230Vac 25A at 12Vdc (300 W)	4A for 230Vac 30A for 12Vdc
Koala 1000 Cooling unit on top ventilated -18°C to +10°C	K1000AFTVCYM1	1A at 230Vac 25A at 12Vdc (300 W)	4A for 230Vac 30A for 12Vdc
Koala 1000 Cooling unit on back ventilated -18°C to +10°C	K1000AFDVCYM1	1A at 230Vac 25A at 12Vdc (300 W)	4A for 230Vac 30A for 12Vdc
Koala 1000 Cooling unit on top ventilated 0°C to +40°C	K1000AFTVDZM1	1A at 230Vac 25A at 12Vdc (300 W)	4A for 230Vac 30A for 12Vdc
Koala 1000 Cooling unit on back ventilated 0°C to +40°C	K1000AFDVDZM1	1A at 230Vac 25A at 12Vdc (300 W)	4A for 230Vac 30A for 12Vdc
Koala 1000 Cooling unit on top ventilated -18°C to +40°C	K1000AFTVCZM1	1A at 230Vac 25A at 12Vdc (300 W)	4A for 230Vac 30A for 12Vdc
Koala 1000 Cooling unit on back ventilated -18°C to +40°C	K1000AFDVCZM1	1A at 230Vac 25A at 12Vdc (300 W)	4A for 230Vac 30A for 12Vdc

ACCESSORIES	Code
Card holders	AMC101
Stainless steel grid	AEA023
Stainless steel tilting grid	AEA029
Fixing kit on vehicle	RRI223