









Refrigerated container for the transport at temperature controlled

Brand: MELFORM

Country of origin: ITALYCustoms code: 84181080

ATP Certificate

Compatible with food contact

Color: grey/blue

Dual power supply: 12Vdc and 230Vac

Technology: rotomouldingWarranty: 24 months

• Fully recyclable at the end of its operational life.

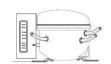
MANUFACTURING MATERIALS				
Polyethylene	internal and external walls of the container and door; suitable for food contact	Polyurethane	insulating material between the walls of the container and the door; CFC and HCFC free	
Silicone rubber	gasket	Polyamide and fiberglass	closures	
Stainless steel	gripping handles	Aluminium	crankcase and hinge	

Model	Product code	EAN code	Ext. dim. (mm)	Int. dim. (mm)	Capacity (liters)	Weight (kg)
Integrated cooling unit, static	K140AFISDYM0 K140AFISBYM0 K140AFISAYM0 K140AFISDZM0 K140AFISBZM0 K140AFISAZM0	8022949177539 8022949178130 8022949178000 8022949177782 8022949177973 8022949177188	1000x620xh710	620x415xh515	135	46



FEATURES COOLING UNIT

Static refrigeration unit version equipped with "roll-bond" type static evaporator



Hermetic compressor with electronic control unit for regulation and control equipped with surge protection



Guaranteed refrigeration unit performance for ambient Tuse:

+10°C to +30°C Container (isothermal case) guaranteed for use: -30°C to +100°C



Cables 230Vac 50-60Hz

(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 cigarette lighter plug

(depending on model)



Cables for **12Vdc** power supply with Anderson terminal on the KOALA side and fork terminal for connection to the vehicle battery

(depending on model)



Temperature regulation and control with programmable digital thermostat

Degree of accuracy: +/-0.5 °C

Refrigerant gas: R134a (version 0°C +10/+40°C);

R452a (versions -25°C +10/+40°C, -30°C +10/+40°C)

Global heat transfer coefficient: K=0.34 W/m2K

PRODUCT FEATURES Door sealing gasket easily Closing hooks in shockproof removable material 5 seats for housing grids Equipped with opening door positioned at up to 240°, with zipper 62/152/242/332/422 mm from integrated in the container the base of the container. Grills available on request Monobloc structure, without Stainless steel grid for load edges, joints and welds division. USB datalogger available (on Equipped with integrated request) to record temperature stainless steel grip handles data during transport



Model	Product code	Feeding 12V Fork terminal	Feeding 12V Cigarette lighter plug	Absorption nominal	Fuses
Koala 140 0°C to +10°C	K140AFISDYM0		\checkmark	0.35A at 230Vac 7A at 12Vdc (85 W)	4A for 230Vac 15A for 12Vdc
Koala 140 -25°C to +10°C	K140AFISBYM0	\checkmark		1A at 230Vac 18A at 12Vdc (220 W)	4A for 230Vac 30A for 12Vdc
Koala 140 -30°C to +10°C	K140AFISAYM0	\checkmark		1A at 230Vac 18A at 12Vdc (220 W)	4A for 230Vac 30A for 12Vdc
Koala 140 0°C to +40°C	K140AFISDZM0		✓	0.35A at 230Vac 7A at 12Vdc (85 W)	4A for 230Vac 15A for 12Vdc
Koala 140 -25°C to +40°C	K140AFISBZM0	✓		1A at 230Vac 18A at 12Vdc (220 W)	4A for 230Vac 30A for 12Vdc
Koala 140 -30°C to +40°C	K140AFISAZM0	✓		1A at 230Vac 18A at 12Vdc (220 W)	4A for 230Vac 30A for 12Vdc

ACCESSORIES	Amperage	Weight (Kg)	Dim. (mm)	Code
Stainless steel grid		2,2	450x620x12	AEA030
Trolley locking kit				RRI137
Galvanized steel trolley				AIB005
Safety fixing kit on floor				RRI144
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
Expanding card holder		0,05	A5	RRI170