





KOALA 140

REFRIGERATED CONTAINER
FOR THE TRANSPORT AT
TEMPERATURE CONTROLLED

MELFORM®

www.melform.com



KOALA 140

- Brand: MELFORM
- Country of origin: ITALY
- Customs code: 84181080
- Compatible with food contact
- Color: grey/blue
- Dual power supply: 12Vdc and 230Vac
- Technology: rotomoulding
- Warranty: 24 months
- Fully recyclable at the end of its operational life.
- ATP certified according to model

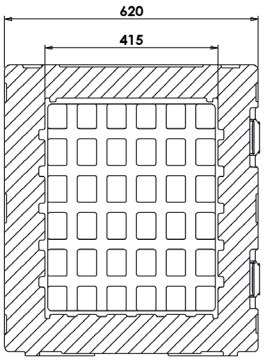
MANUFACTURING MATERIALS

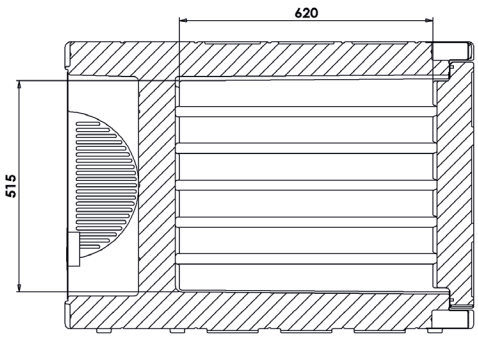
POLYETHYLENE: internal and external walls of the container and door; suitable for food contact.
POLYURETHANE: insulating material between the walls of the container and the door; CFC and HCFC free.
SILICONE RUBBER: gasket.
ALUMINIUM: crankcase and hinge.
STAINLESS STEEL: gripping handles.
POLYAMIDE AND FIBERGLASS: closures.

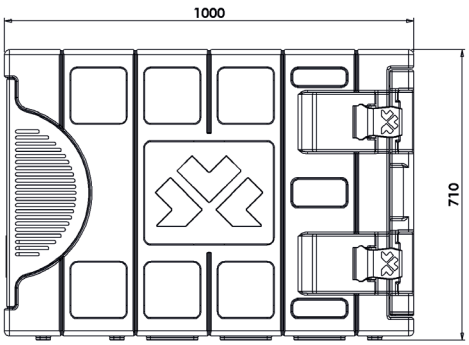
AVAILABLE MODELS

MODEL	SKU	EAN CODE	EXT. DIM. (mm)	INT. DIM. (mm)	CAPACITY (l)	WEIGHT (kg)
INTEGRATED COOLING UNIT, STATIC	K140AFISDYM0 K140AFISBYM0 K140AFISAYM0 K140AFISDZM0 K140AFISBZM0 K140AFISAZM0	8022949177539 8022949178130 8022949178000 8022949177782 8022949177973 8022949177188	1000x620xh710	620x415xh515	135	46

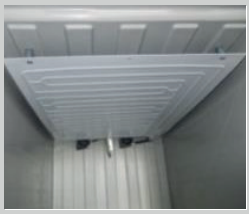
DIMENSIONAL DRAWING



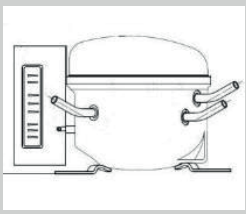




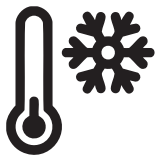
FEATURES COOLING UNIT



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



Hermetic compressor with electroni regulation and control equippedc control unit for with surge protection



Guaranteed refrigeration unit performance for ambient T-use: power supply
+10°C to +30°C
Container (isothermal case) guaranteed for use:
–30°C to +100°C



Cables **230Vac 50-60Hz** power supply

(standard equipment)



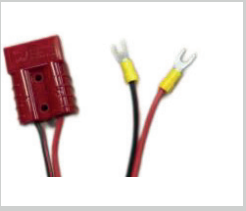
Cables for **12Vdc** power supply with Anderson terminals

(standard equipment)



Cables for **12Vdc** power supply with Anderson terminal on the KOALA side and 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)**

Global heat transfer coefficient: **K=0,34 W/m²K**

PRODUCT FEATURES



Door sealing gasket easily removable



Closin g hooks in shockproof material



Equipped with opening door up to 240°, with zipper integrated in the container



5 seats for housing grids positioned at 62/152/242/332/422 mm from the base of the container. Grills available on request



Monobloc structure, without edges, joints and welds



Stainless steel grid for load division.



Equipped with integrated stainless steel grip handles



USB datalogger available (on request) to record temperature data during transport

ATP

KOALA refrigerated containers are type-approved by the Italian Ministry of Transport in accordance with ATP regulations. For type-approved models, it is possible to request the issuance of the International ATP Certificate for the individual serial number from the Ministry of Transport.

AVAILABLE MODELS

MODEL	SKU	FEEDING 12V FORK TERMINAL	FEEDING 12V CIGARETTE LIGHTER PLUG	ABSORPTION NOMINAL	FUSES
KOALA 140 0°C TO +10°C	K140AFISDYM0		✓	0,35A AT 230VAC 7A AT 12VDC (85 W)	4A for 230Vac 15A for 12Vdc
KOALA 140 -25°C TO +10°C	K140AFISBYM0	✓		1A AT 230VAC 18A AT 12VDC (220 W)	4A for 230Vac 30A for 12Vdc
KOALA 140 -30°C TO +10°C	K140AFISAYM0	✓		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

ACCESSORIES	CODE	AMPERAGE	DIM. (mm)	WEIGHT (kg)
Stainless steel grid	AEA030		450x620x12	2,2
Trolley locking kit	RRI137			
Galvanized steel trolley	AIB005			
Safety fixing kit on floor	RRI144			
Power bank charger 12V for KOALA	ePB100A01	100 Ah	345x315xh340	22
Power bank charger 12V for KOAL	ePB120A01	120 Ah	345x315xh340	26
Power bank charger 12V for KOAL	ePB150A01	150 Ah	345x315xh340	28
USB Data Logger Range - 30°C +70°C	AFG007			
Expanding card holder	RRI170		A5	0,05