



KOALA 80



**REFRIGERATED CONTAINER FOR THE
TRANSPORT OF TEMPERATURE-
CONTROLLED PRODUCTS**



www.melform.com



KOALA 80

- 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, free of CFC and HCFC.

STAINLESS STEEL: gripping handles.

SILICONE RUBBER: gasket.

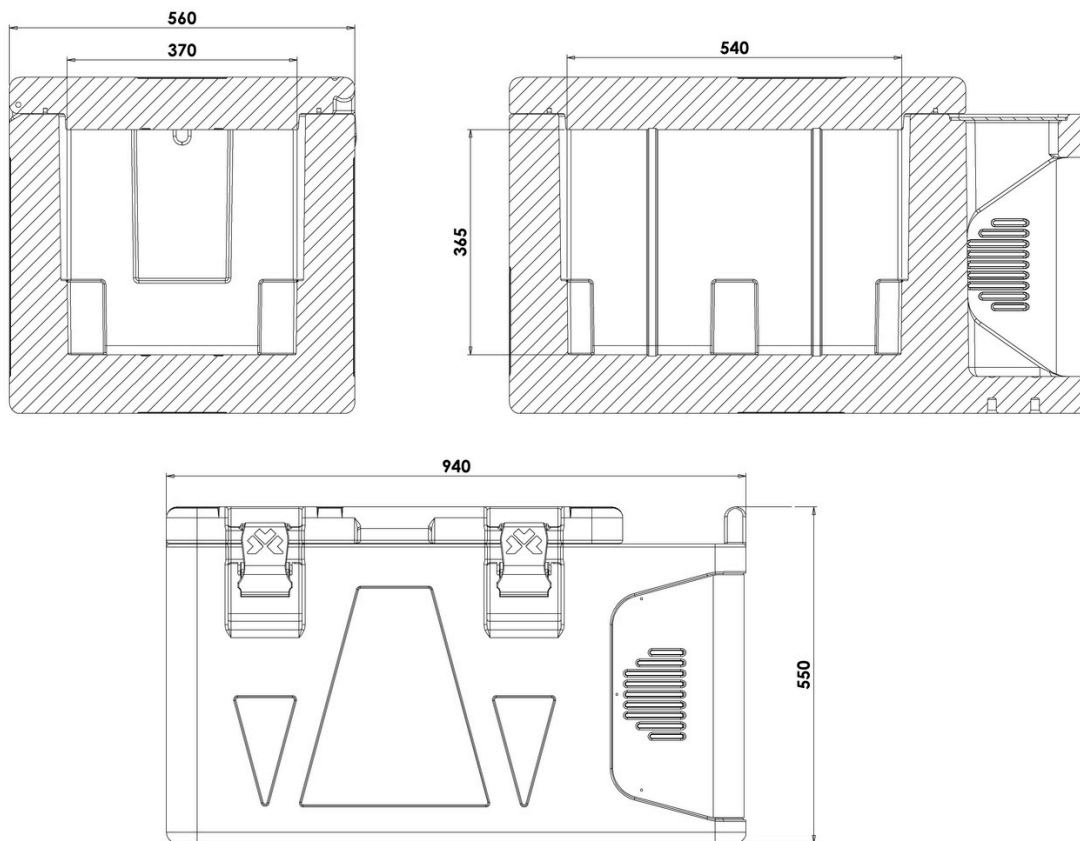
ALLUMINIUM: crankcase control panel.

POLYAMIDE AND FIBERGLASS: closures.

AVAILABLE MODELS

MODEL	SKU	EAN Code	DIM. EXT. (MM)	DIM. INT. (MM)	CAPACITY (L)	WEIGHT (KG)
integrated cooling unit, static	K80ASISDYM0 K80ASISBYM0 K80ASISAYM0 K80ASISDZM0 K80ASISBZM0 K80ASISAZM0	8022949177126 8022949178055 8022949177997 8022949177355 8022949177874 8022949178024	560x940xh550	370x540xh365	73	34

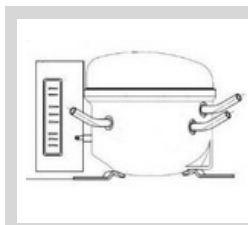
DIMENSIONAL DRAWING



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 cooling unit performance for ambient T-use: **+10°C to +30°C**
Container (isothermal body) 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 the model)



Cables for **12Vdc** power supply with Anderson terminal on the KOALA side and fork terminal for connection to the vehicle battery
(Presente in funzione del modello)

Degree of accuracy: $\pm 0.5^{\circ}\text{C}$
Refrigerant gas: R134a
Global heat transfer coefficient: $K=0.36 \text{ W/m}^2\text{K}$

PRODUCT FEATURES



Easily removable lid sealing gasket



Zipper integrated in the container



MELFORM closing hook in shockproof material



Protection grid of the evaporator made of plasticized metal wire



Monobloc structure, without edges, joints and welds



Temperature regulation and control with programmable digital thermostat



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



RFID systems for traceability

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 80 0°C to +10°C	K80ASISDYM0		✓	0,35A at 230Vac 7A at 12Vdc (85 W)	4A for 230Vac 15A for 12Vdc
Koala 80 -25°C to +10°C	K80ASISBYM0		✓	0,62A at 230Vac 12A at 12Vdc (150 W)	4A for 230Vac 25A for 12Vdc
Koala 80 -30°C to +10°C	K80ASISAYM0	✓		1A at 230Vac 18A at 12Vdc (220 W)	4A for 230Vac 30A for 12Vdc
Koala 80 0°C to +40°C	K80ASISDZM0		✓	0,35A at 230Vac 7A at 12Vdc (85 W)	4A for 230Vac 15A for 12Vdc
Koala 80 -25°C to +40°C	K80ASISBZM0		✓	0,62A at 230Vac 12A at 12Vdc (150 W)	4A for 230Vac 25A for 12Vdc
Koala 80 -30°C to +40°C	K80ASISAZM0	✓		1A at 230Vac 18A at 12Vdc (220 W)	4A for 230Vac 30A for 12Vdc

ACCESSORIES

ACCESSORIES	SKU	AMPERAGE	WEIGHT (KG)	DIM. (MM)
Fixing kit on vehicle	RR1214		1	
Power bank charger 12V for KOALA	ePB100A01	100 Ah	22	345x315xh340
Power bank charger 12V for KOALA	ePB120A01	120 Ah	26	345x315xh340
Power bank charger 12V for KOALA	ePB150A01	150 Ah	28	345x315xh340
USB Data Logger Range -30°C +70°C	AFG007			
Card holder	RR1141			A5