



KOALA 50



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



www.melform.com



KOALA 50

- 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.

POLYAMIDE AND FIBERGLASS: closures.

SILICONE RUBBER: gasket.

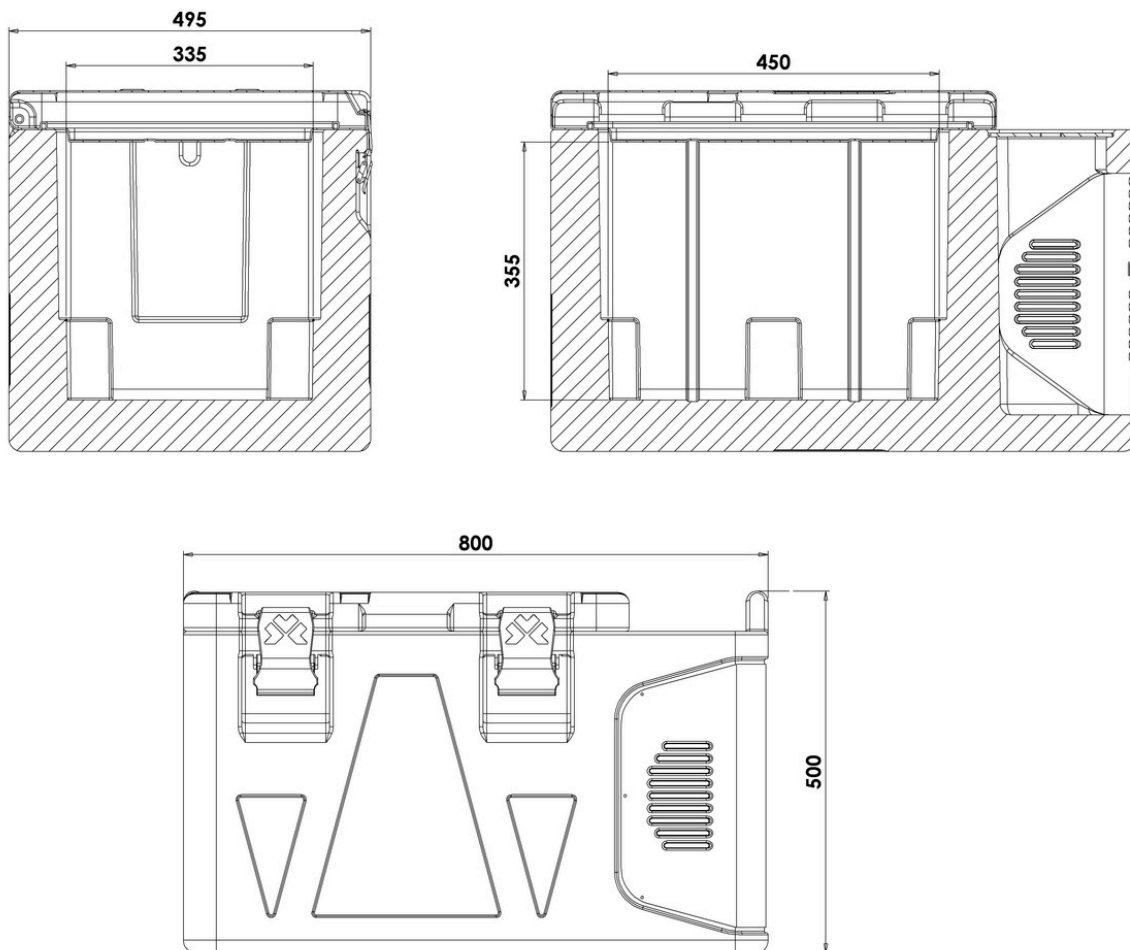
ALLUMINIUM: carter.

STAINLESS STEEL: handle and closing hooks, gripping handles.

AVAILABLE MODELS

MODEL	SKU	EAN Code	DIM. EXT. (MM)	DIM. INT. (MM)	CAPACITY (L)	WEIGHT (KG)
Integrated cooling unit, static	K50ASISDYM0 K50ASISBYM0 K50ASISDZM0 K50ASISBZM0	8022949177577 8022949177164 8022949177768 8022949177416	495x800xh500	335x450xh355	53	26

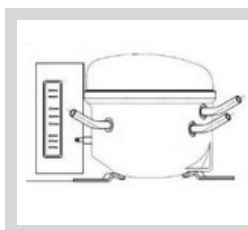
DIMENSIONAL DRAWING



FEATURES COOLING UNIT



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



Cables for power supply at
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
(standard equipment)

Degree of accuracy: +/-0,5 °C | Refrigerant gas: R134a

PRODUCT FEATURES



Easily removable lid sealing gasket



Zipper integrated in the container



MELFORM closing hook in shockproof material



Internal evaporator protection grid made of plasticized wire



Integrated stainless steel gripping handles



Temperature regulation and control with programmable digital thermostat



Monobloc structure, without edges, joints and welds



Insulation with CFC- and HCFC-free polyurethane foam



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	ABSORPTION NOMINAL	FUSES
Koala 50 0°C to +10°C	K50ASISDYM0	0,35A at 230Vac 7A at 12Vdc (85 W)	4A for 230Vac 15A for 12Vdc
Koala 50 -25°C to +10°C	K50ASISBYM0	0,62A at 230Vac 12A at 12Vdc (150 W)	4A for 230Vac 25A for 12Vdc
Koala 50 0°C to +40°C	K50ASISDZM0	0,35A at 230Vac 7A at 12Vdc (85 W)	4A for 230Vac 15A for 12Vdc
Koala 50 -25°C to +40°C	K50ASISBZM0	0,62A at 230Vac 12A at 12Vdc (150 W)	4A for 230Vac 25A for 12Vdc

ACCESSORIES

ACCESSORIES	SKU	AMPERAGE	WEIGHT (KG)	DIM. (MM)
Floor/vehicle fixing kit	RRI214		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	RRI141			A5