



KOALA 90



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



www.melform.com



KOALA 90

- 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: hinges, closures .

SILICONE RUBBER: gasket.

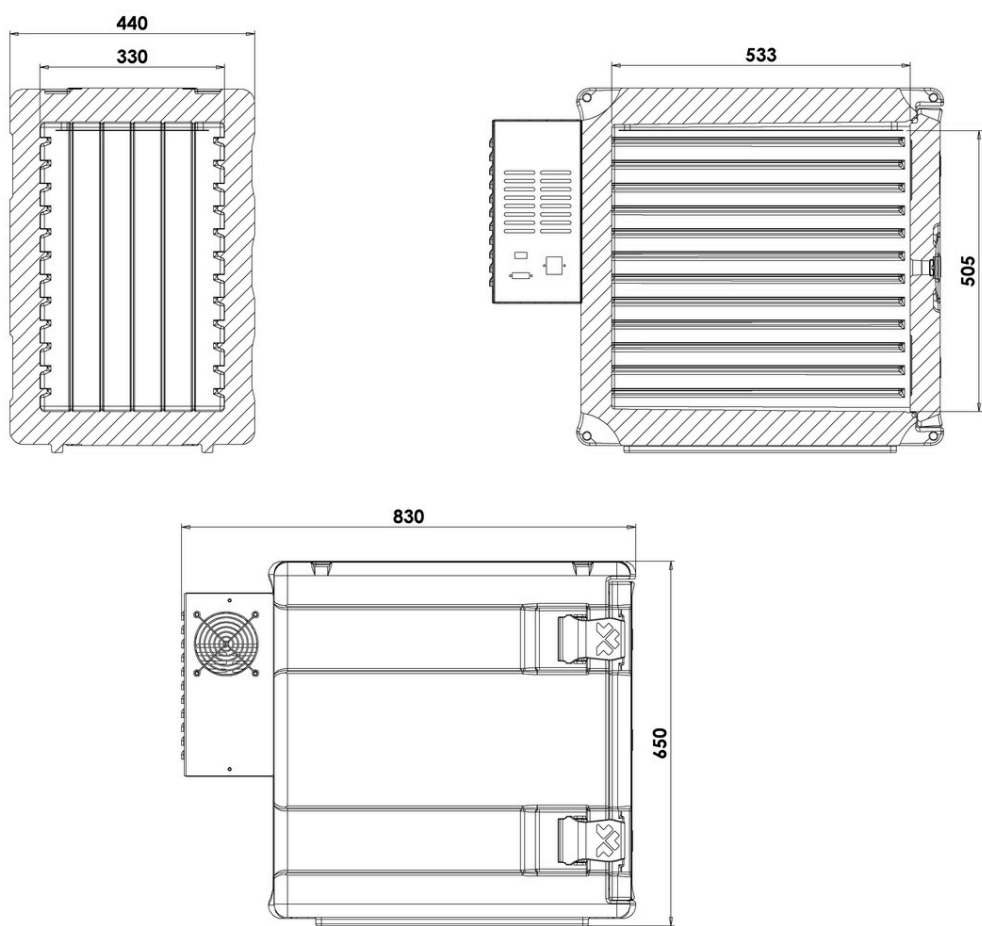
GALVANIZED STEEL: carter.

STAINLESS STEEL: gripping handles.

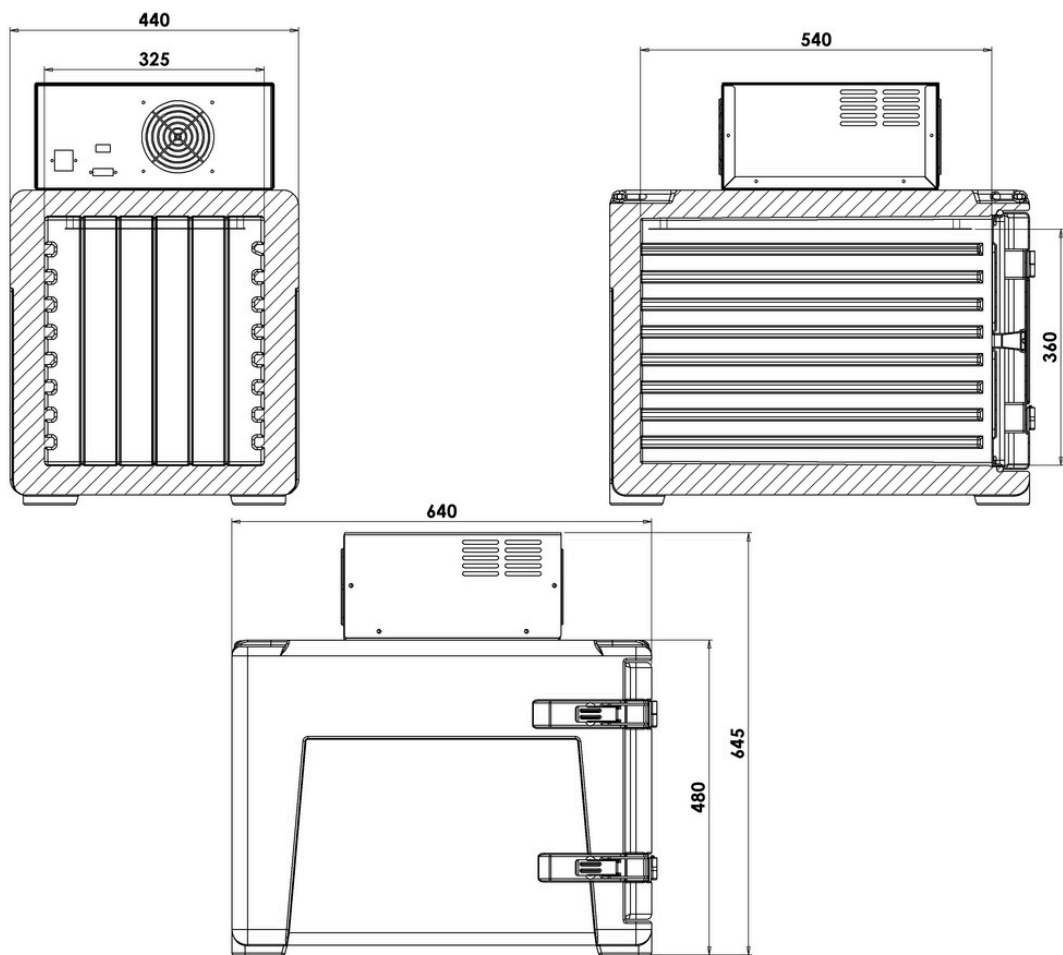
AVAILABLE MODELS

MODEL	SKU	EAN Code	DIM. EXT. (MM)	DIM. INT. (MM)	CAPACITY (L)	WEIGHT (KG)
Back cooling unit, static	K90AFDSDYMO K90AFSDZMO	8022949177300 8022949177171	440x830xh650	330x533xh505	90	27
Top cooling unit, static	K90AFTSDYMO K90AFTSDZMO	8022949177805 8022949177980	440x665xh815	330x533xh505	90	27

DIMENSIONAL DRAWING



Back cooling unit, static

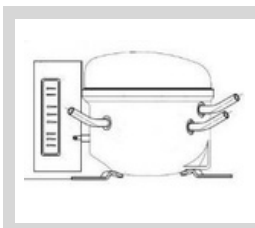


Top cooling unit, static

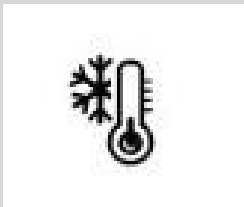
FEATURES COOLING UNIT



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



Door sealing system easily removable



Equipped with **12 seats** with 4 cm pitch. It can carry:

- 2 GN1/1 H200
- 3 GN1/1 H150
- 4 GN1/1 H100
- 6 GN1/1 H65



Equipped with a door that can be opened up to 240° and easily removable, to facilitate washing operations



Integrated stainless steel gripping handles



MELFORM closing hook in shockproof material



Equipped with hinges made of shockproof and stress-resistant material



Equipped with adjustable vent



Monobloc structure, without edges, joints and welds



Insulation with CFC- and HCFC-free polyurethane foam



Trolley:

- capacity 150 Kg
- 4 wheels siam. 125mm non-marking rubber and PP core
- 2 fixed wheels
- 2 swivel wheels, 1 of which with brake.



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 90 Back cooling unit, static 0°C to +10°C	K90AFDSDYMO	0,35A at 230Vac 7A at 12Vdc (85 W)	4A for 230Vac 15A for 12Vdc
Koala 90 Top cooling unit, static 0°C to +10°C	K90AFTSDYMO	0,35A at 230Vac 7A at 12Vdc (85 W)	4A for 230Vac 15A for 12Vdc
Koala 90 Back cooling unit, static 0°C to +40°C	K90AFDSDZMO	0,35A at 230Vac 7A at 12Vdc (85 W)	4A for 230Vac 15A for 12Vdc
Koala 90 Top cooling unit, static 0°C to +40°C	K90AFTSDZMO	0,35A at 230Vac 7A at 12Vdc (85 W)	4A for 230Vac 15A for 12Vdc

ACCESSORIES

ACCESSORIES	SKU	AMPERAGE	WEIGHT (KG)	DIM. (MM)
Stainless steel grid GN1/1	AEA020		1,3	530x325x12
Fixing kit on vehicle	RRI144			
Fixing kit to the trolley	RRI137			
Trolley for Koala 90	THS20009		6,4	505x685xh205
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