





KOALA 1300

REFRIGERATED CONTAINER FOR THE TRANSPORT OF TEMPERATURE-CONTROLLED PRODUCTS

MELFORM®

www.melform.com



KOALA 1300

- 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
- Available in version on wheels. Available on request in Basic and feet version

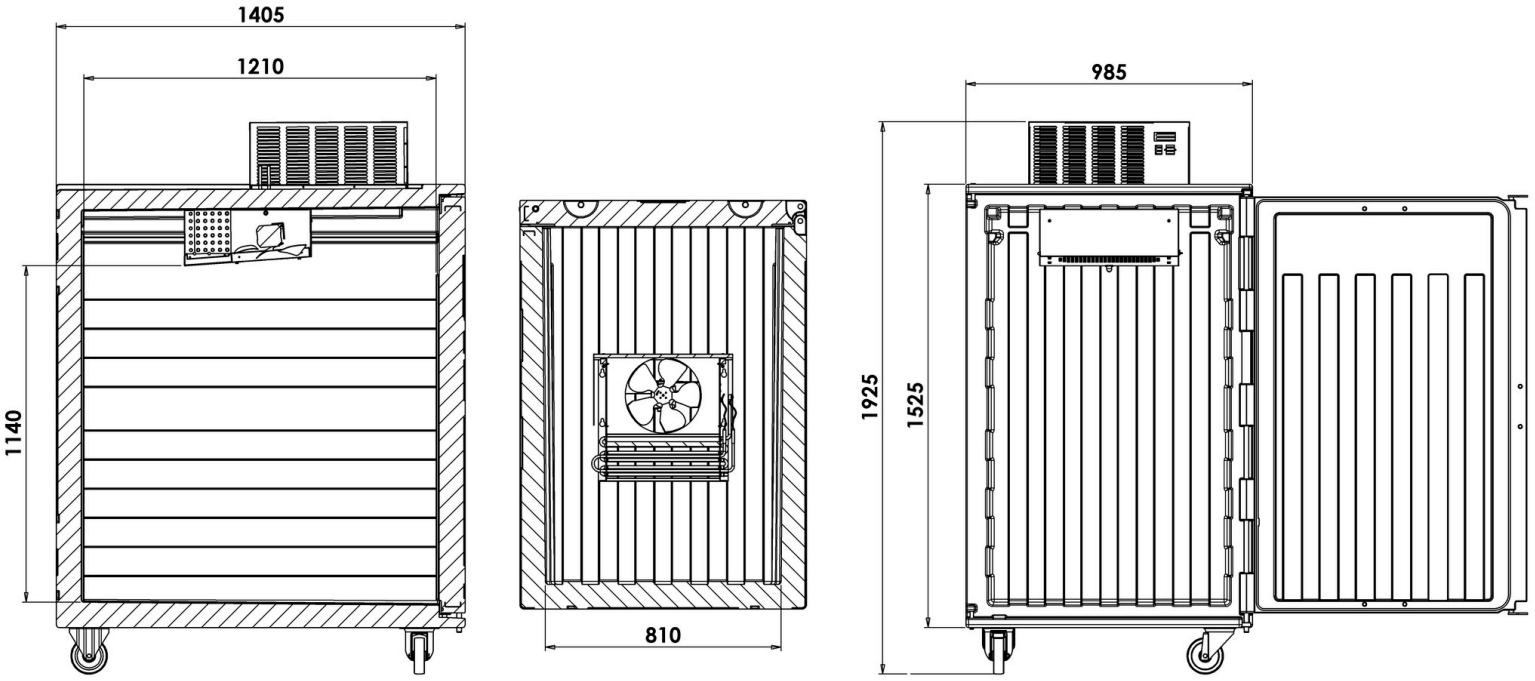
MANUFACTURING MATERIALS

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: handling handles, closing handle, rod inside the door
SILICONE RUBBER: gasket.
GALVANIZED STEEL: crankcase, hinge rods, plates hinge rod connection, wheel support.
RUBBER AND POLYAMIDE: castors (rubber tread and polyamide core).
POLYPROPYLENE: hinges.

AVAILABLE MODELS

MODEL	SKU	EAN Code	DIM. EXT. (MM)	DIM. INT. (MM)	CAPACITY (L)	WEIGHT (KG)
Top cooling unit, ventilated, version on wheels	K1300AFTVDYM1 K1300AFTVCYM1 K1300AFTVDZM1 K1300AFTVCZM1	8022949177607 8022949177379 8022949178086 8022949177140	985X1405Xh1925	810x1210xh1140	1115	180

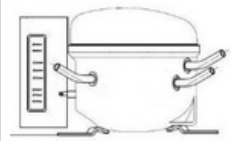
DIMENSIONAL DRAWING



FEATURES COOLING UNIT



The ventilation system ensures greater speed and uniformity of diffusion of cold and heat inside the container



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 box) 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 fork terminal for connection to the vehicle battery

(standard equipment)

Degree of accuracy: +/-0.5 °C
Refrigerant gas: R452a
Global heat transfer coefficient: K=0.36 W/m2K

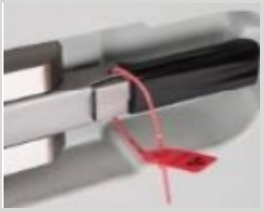
PRODUCT FEATURES



Equipped with 4 rubber wheels diam. 125 mm (2 fixed and 2 swivel, one of which is equipped with a brake).
Wheel support plate integrated in the container



Available in version with:
- pallet, with galvanized steel frame
- with 6 feet galvanized steel h 120mm



Stainless steel closing handle with release button; prepared for the use of tamper-evident system



Door sealing gasket easily removable



Card holder (on request) for identification of content or destination.
Suitable for A5 format documents



Double-pin hinge system for a better door stability over time



Openable door up to 270° with tab-door stop



Stainless steel rod with 2 hooks, integrated inside the door



Monobloc structure, without edges, joints and welds



Internal grooves to promote good air circulation



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 1300 AF Top cooling unit, ventilated 0°C to +10°C	K1300AFTVDYM1	1A at 230Vac 25A at 12Vdc (300 W)	4A for 230Vac 30A for 12Vdc
Koala 1300 AF Top cooling unit, ventilated -18°C to +10°C	K1300AFTVCYM1	1A at 230Vac 25A at 12Vdc (300 W)	4A for 230Vac 30A for 12Vdc
Koala 1300 AFH Top cooling unit, ventilated 0°C to +40°C	K1300AFTVDZM1	1A at 230Vac 25A at 12Vdc (300 W)	4A for 230Vac 30A for 12Vdc
Koala 1300 AFH Top cooling unit, ventilated -18°C to +40°C	K1300AFTVCZM1	1A at 230Vac 25A at 12Vdc (300 W)	4A for 230Vac 30A for 12Vdc

ACCESSORIES

ACCESSORIES	SKU	AMPERAGE	WEIGHT (KG)	DIM. (MM)
Drip tray pallet	ANA00101		5	800X1200
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