



KOALA 20



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



www.melform.com



KOALA 20

- Brand: MELFORM
- Country of origin: ITALY
- Customs code: 84181080
- Compatible with food contact
- Color: melange 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.

SILICONE RUBBER: gasket.

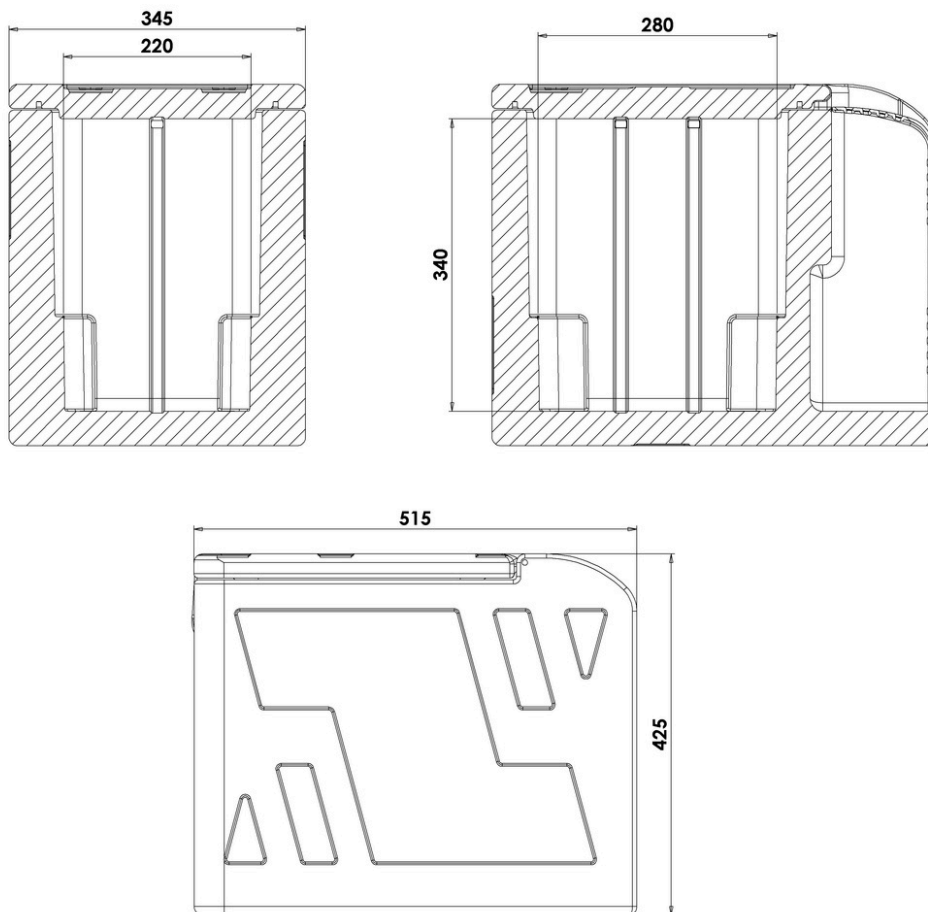
POLYAMIDE AND FIBERGLASS: closing.

ALLUMINIUM: carter.

AVAILABLE MODELS

MODEL	SKU	EAN Code	DIM. EXT. (MM)	DIM. INT. (MM)	CAPACITY (L)	WEIGHT (KG)
Integrated cooling unit, static	K20ASISDYM0 K20ASISCYM0 K20ASISDZM0 K20ASISCZM0	8022949177225 8022949177959 8022949177331 8022949177867	345x515xh425	220x280xh340	21	16

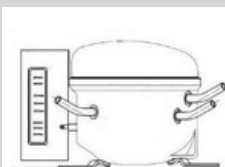
DIMENSIONAL DRAWING



FEATURES REFRIGERATION 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 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 plastic wire



Gripping handles integrated into the body of the container



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 20 AS 0°C to +10°C	K20ASISDYM0	0,35A at 230Vac 7A at 12Vdc (85 W)	4A for 230Vac 15A for 12Vdc
Koala 20 AS -18°C to +10°C	K20ASISCYM0	0,35A at 230Vac 7A at 12Vdc (85 W)	4A for 230Vac 15A for 12Vdc
Koala 20 ASH 0°C to +40°C	K20ASISDZM0	0,35A at 230Vac 7A at 12Vdc (85 W)	4A for 230Vac 15A for 12Vdc
Koala 20 ASH -18°C to +40°C	K20ASISCZM0	0,35A at 230Vac 7A at 12Vdc (85 W)	4A for 230Vac 15A for 12Vdc

ACCESSORIES

ACCESSORIES	SKU	AMPERAGE	WEIGHT (KG)	DIM. (MM)
Fixing kit on vehicle	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