



KOALA 160



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



www.melform.com



- 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

KOALA 160

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.

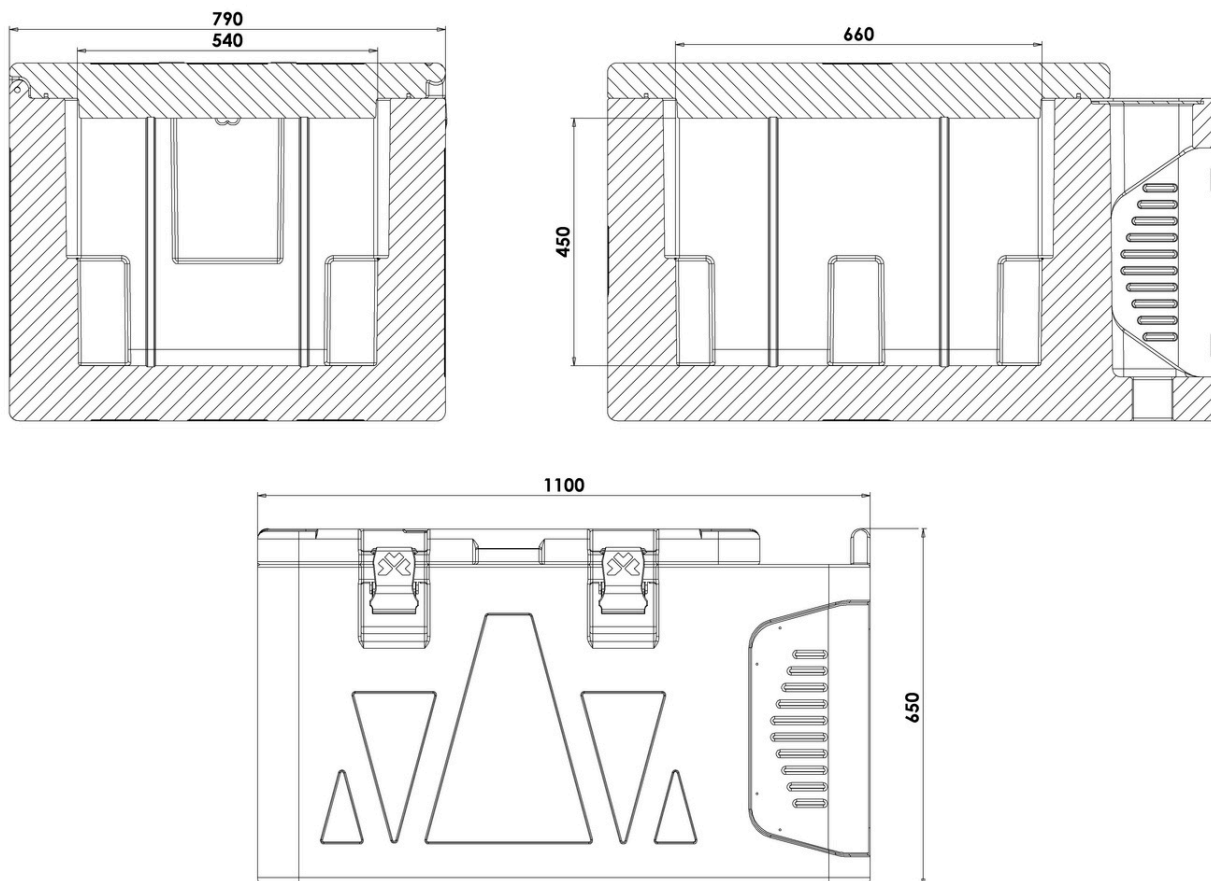
ALUMINIUM: crankcase control panel.

STAINLESS STEEL: gripping handles.

AVAILABLE MODELS

MODEL	SKU	EAN Code	DIM. EXT. (MM)	DIM. INT. (MM)	CAPACITY (L)	WEIGHT (KG)
Integrated cooling unit, static	K160ASISDYM0 K160ASISBYM0 K160ASISDZM0 K160ASISBZM0	8022949177546 8022949177935 8022949177706 8022949177386	790x1100xh650	540x660xh450	162	59

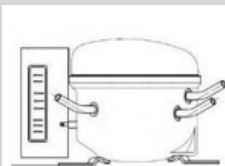
DIMENSIONAL DRAWING



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: $\pm 0,5^{\circ}\text{C}$ | Refrigerant gas: R134a

PRODUCT FEATURES



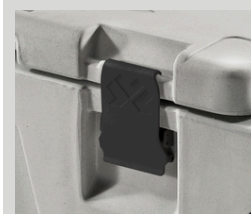
Easily removable lid sealing gasket



Integrated stainless steel gripping handles



Zipper integrated in the container



MELFORM closing hooks in shockproof material



Evaporator protection grid made of plasticized wire



Monobloc structure, without edges, joints and welds



Wheel kit available on request (n.2 fixed wheels and n.2 swivel wheels with brake d.125mm; rubber tread, polyamide core, galvanized steel support)



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 160 0°C to +10°C	K160ASISDYM0	0,62A at 230Vac 12A at 12Vdc (150 W)	4A for 230Vac 25A for 12Vdc
Koala 160 -25°C to +10°C	K160ASISBYM0	0,62A at 230Vac 12A at 12Vdc (150 W)	4A for 230Vac 25A for 12Vdc
Koala 160 0°C to +40°C	K160ASISDZM0	0,62A at 230Vac 12A at 12Vdc (150 W)	4A for 230Vac 25A for 12Vdc
Koala 160 -25°C to +40°C	K160ASISBZM0	0,62A at 230Vac 12A at 12Vdc (150 W)	4A for 230Vac 25A for 12Vdc

ACCESSORIES

ACCESSORIES	SKU	AMPERAGE	WEIGHT (KG)	DIM. (MM)
Castors kit	RR1070			
Floor/vehicle fixing kit	RR1214			
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