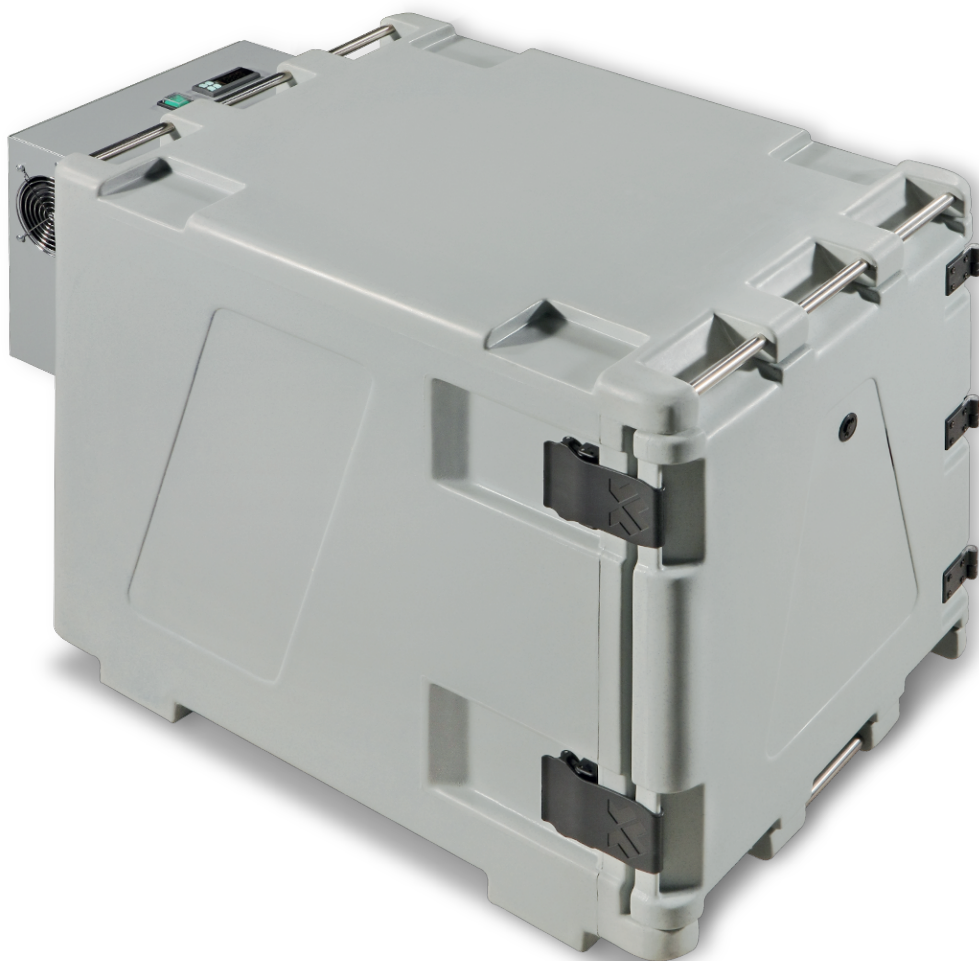


KOALA 150



**REFRIGERATED CONTAINER
FOR THE TRANSPORT AT
TEMPERATURE CONTROLLED**



www.melform.com



KOALA 150

- 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; CFC and HCFC free.

SILICONE RUBBER: gasket.

GALVANIZED STEEL: Carter.

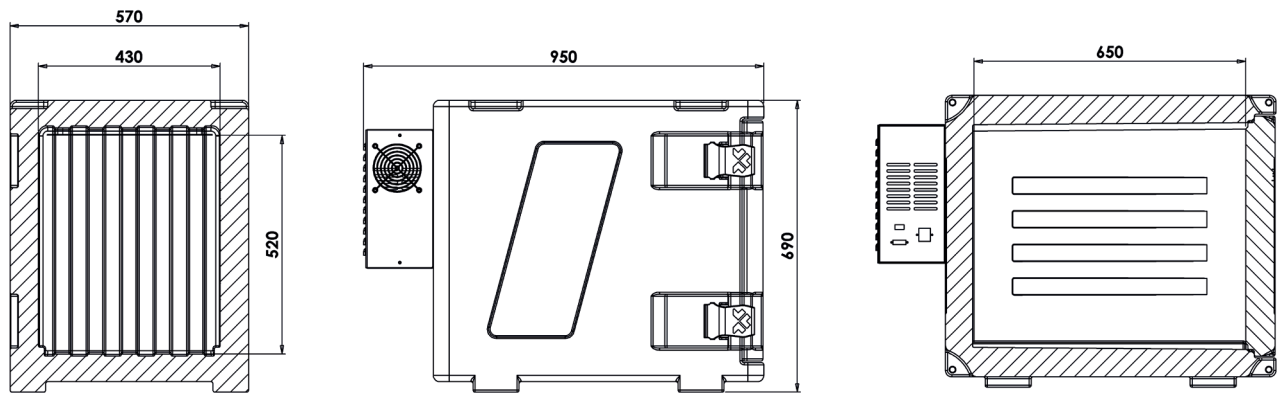
STAINLESS STEEL: gripping handles.

POLYAMIDE AND FIBERGLASS: hinges, closures.

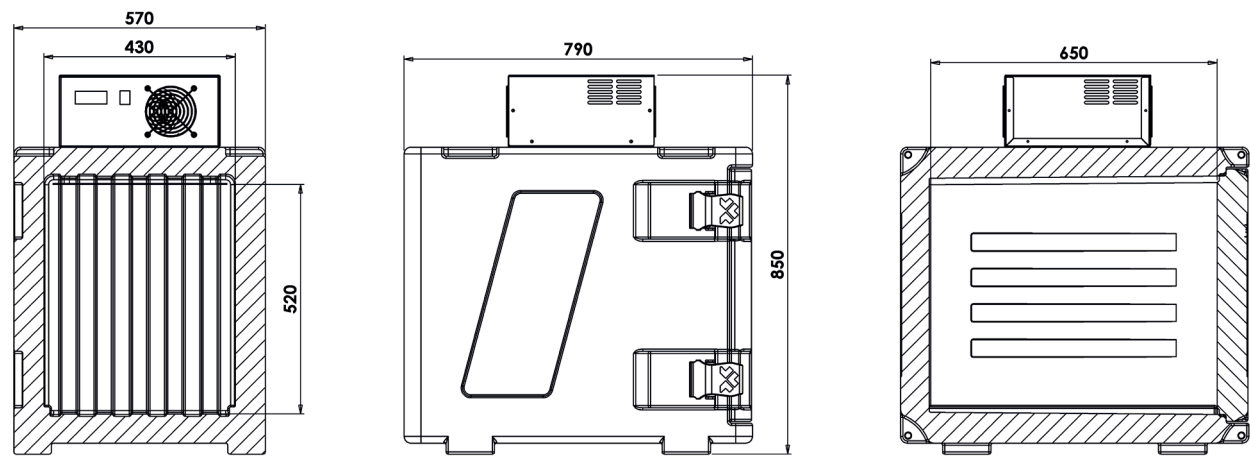
AVAILABLE MODELS

MODEL	SKU	CODE EAN	EXT. DIM. (mm)	INT. DIM. (mm)	CAPACITY (l)	WEIGHT (kg)
BACK COOLING UNIT, STATIC 0°C +10/+40°C	K150AFDSDYMO K150AFDSDZMO	8022949177553 8022949177720	570x950xh690	430x650xh520	148	37
TOP COOLING UNIT, STATIC 0°C +10/+40°C	K150AFTSDYMO K150AFTSDZMO	8022949177829 8022949177454	570x790xh850	430x650xh520	148	37
BACK COOLING UNIT, VENTILATED 0°C +10/+40°C	K150AFDVDYMO K150AFDVDZMO	8022949177232 8022949177911	570x1045xh690	430x650xh530	148	55
TOP COOLING UNIT, STATIC -25°C, +10/+40°C	K150AFDSBYMO K150AFDSBZMO	8022949177812 8022949177119	570x1045xh690	430x650xh520	148	55

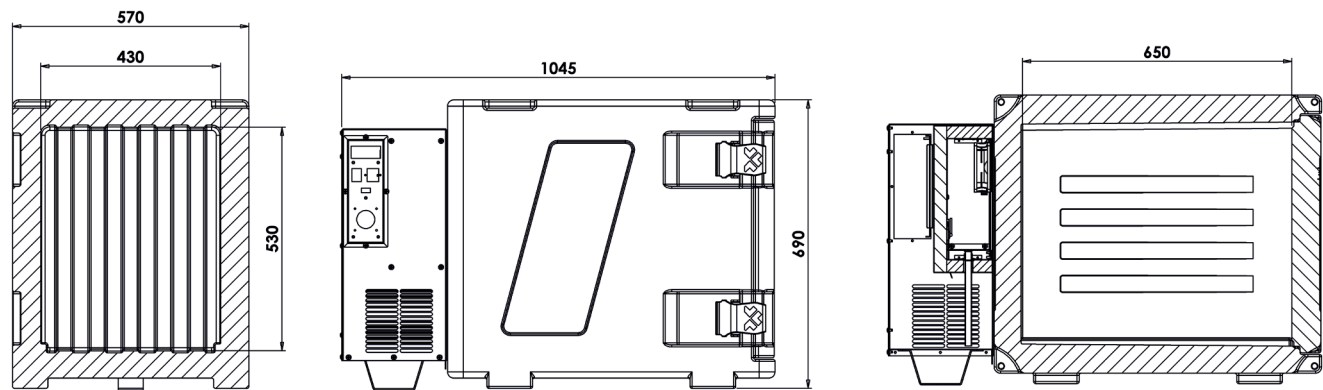
DIMENSIONAL DRAWING



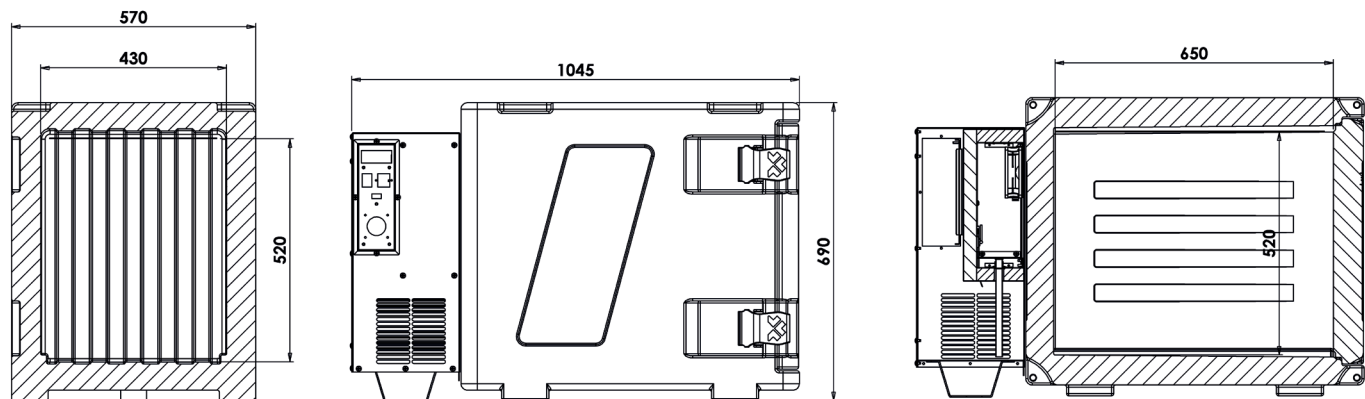
KOALA 150 BACK COOLING UNIT, STATIC



KOALA 150 TOP COOLING UNIT, STATIC

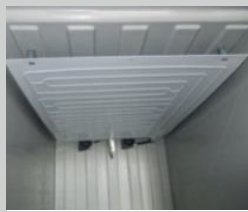


KOALA 150 BACK COOLING UNIT, VENTILATED



KOALA 150 TOP COOLING UNIT, STATIC

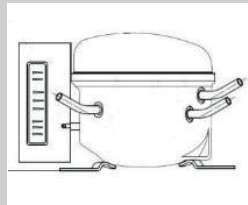
FEATURES COOLING UNIT



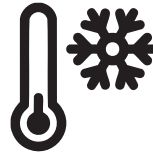
Cooling unit static version equipped with "roll-bond" type static evaporator



Ventilated versions (available with refrigeration unit only on the back). The ventilation system ensures a greater speed of achievement and uniformity of temperature 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 body) guaranteed for use: **-30°C to +100°C**



Cables **230Vac 50-60Hz** power supply

(standard equipment)



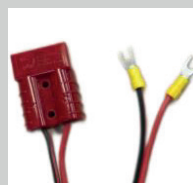
Cables for **12Vdc** power supply with Anderson terminals

(standard equipment)



Cables for power supply with Anderson terminal on the KOALA side and **cigarette lighter plug**

(depending on model)



Cables for **12Vdc** power supply with Anderson terminal on the KOALA side and fork terminal for connection to the vehicle battery

(depending on model)

Degree of accuracy: **+/-0,5 °C**

Refrigerant gas: **R134a (versions 0°C +10/+40°C)**

Overall heat transfer coefficient: **K=0,48 W/m²K**

PRODUCT FEATURES



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



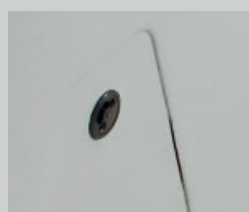
Practical and effective closing system, consisting of two locking hooks in shockproof material and an internal door seal that can be easily dismantled



Equipped with hinges made of shockproof and stress-resistant material



Door sealing gasket easily removable



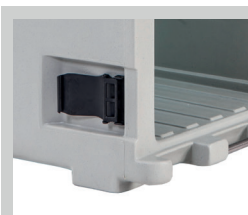
Equipped with adjustable relief valve



Temperature regulation and control with programmable digital thermostat



Integrated stainless steel gripping handles



Monobloc structure, without edges, joints and welds



Polyethylene trolley (static versions 0°C + 10/+40°C):

- load capacity 200 Kg;
- 4 anti-trace rubber wheels and PP core
- Diam wheels: 125 mm
- 2 fixed wheels
- 2 swivel wheels, including 1 with brake



Available, on request, set of uprights and support guides for housing GN pans or grids, EN trays or grids and pastry trays 600x400mm



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	FEEDING 12V FORK TERMINAL	FEEDING 12V CIGARETTE LIGHTER PLUG	ABSORPTION NOMINAL	FUSES
KOALA 150 BACK COOLING UNIT, STATIC DA 0°C A +10°C	K150AFDSYDM0		✓	0,35A AT 230VAC 7A AT 12VDC (85 W)	4A for 230Vac 15A for 12Vdc
KOALA 150 TOP COOLING UNIT, STATIC DA 0°C A +10°C	K150AFTSDYM0		✓	0,35A AT 230VAC 7A AT 12VDC (85 W)	4A for 230Vac 15A for 12Vdc
KOALA 150 BACK COOLING UNIT, VENTILATED DA 0°C A +10°C	K150AFDVDYM0	✓		0,62A AT 230VAC 12A AT 12VDC (150 W)	4A for 230Vac 25A for 12Vdc
KOALA 150 BACK COOLING UNIT, STATIC DA -25°C A +10°C	K150AFDSBYM0	✓		1A AT 230VAC 18A AT 12VDC (220 W)	4A for 230Vac 30A for 12Vdc
KOALA 150 BACK COOLING UNIT, STATIC DA 0°C A +40°C	K150AFDSDZM0		✓	0,35A ATT 230VAC 18,7 AT 12VDC (85 W)	4A for 230Vac 15A for 12Vdc
KOALA 150 TOP COOLING UNIT, STATIC DA 0°C A +40°C	K150AFTSDZM0		✓	0,35A AT 230VAC 7A AT 12VDC (85 W)	4A for 230Vac 15A for 12Vdc
KOALA 150 BACK COOLING UNIT, VENTILATED DA 0°C A +40°	K150AFDVDZM0	✓		0,62A AT 230VAC 12A AT 12VDC (150 W)	4A for 230Vac 25A for 12Vdc
KOALA 150 BACK COOLING UNIT, STATIC DA -25°C A +40°C	K150AFDSBZM0	✓		1A AT 230VAC 18A AT 12VDC (220 W)	4A for 230Vac 30A for 12Vdc

ACCESSORIES

ACCESSORIES	SKU	AMPERAGE	DIM. (mm)	WEIGHT (kg)
Support guides	ABA302			2
GN Adapters with two pairs of guides GN	RRI237			4,9
Self-supporting stainless steel grid	AEA012		430x630x262	3
GN stainless steel grid	AEA020		530x325x12	1,3
Modular fixing kit	RRI139			
Expanding card holder	RRI170		A5	0,05
Floor/vehicle fixing kit	RRI144			
Polyethylene trolley (for static versions)	THS30006		625x845x210	7
Power bank charger 12V for KOALA	ePB100A01	100 Ah	345x315xh340	22
Power bank charger 12V for KOALA	ePB120A01	120 Ah	345x315xh340	26
Power bank charger 12V for KOALA	ePB150A01	150 Ah	345x315xh340	28
USB Data Logger Range -30°C +70°C	AFG007			