



KOALA 600



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



www.melform.com



KOALA 600

- 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 basic and wheeled versions. On request can be made on feet

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: closing handle, inner rod of the door.

SILICONE RUBBER: gasket.

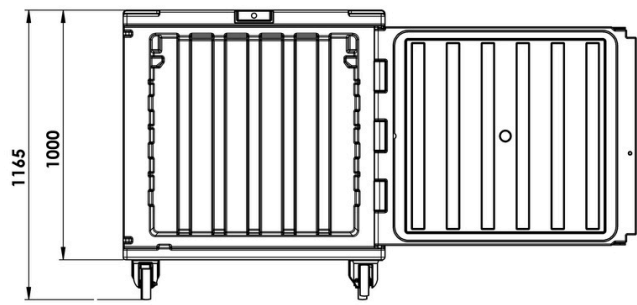
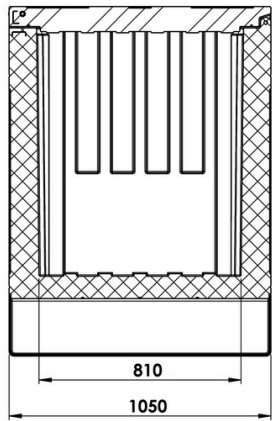
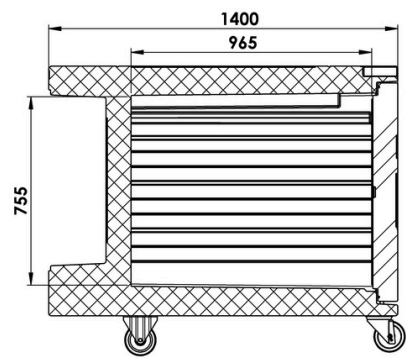
GALVANIZED STEEL: cooling unit frame, castors support.

RUBBER AND POLYAMIDE: castors (rubber tread and polyamide core).

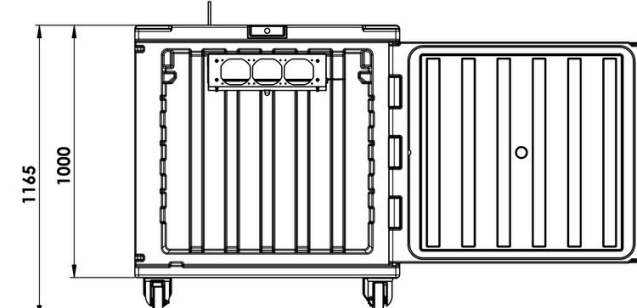
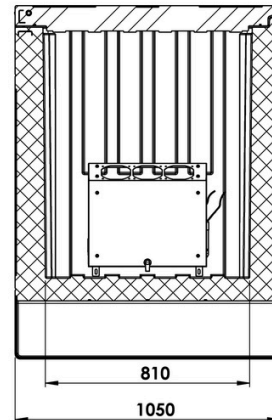
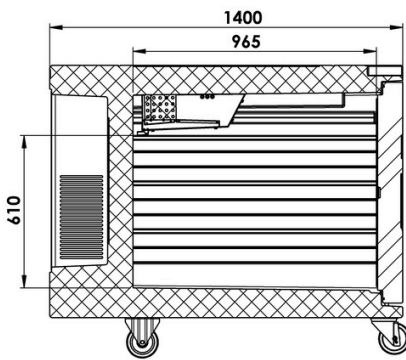
AVAILABLE MODELS

MODEL	SKU	EAN Code	DIM. EXT. (MM)	DIM. INT. (MM)	CAPACITY (L)	WEIGHT (KG)
Integrated cooling unit, static 0°C /+10°C BASIC	K600AFISDYM0	8022949211196	1050x1400xh1000	810x965x755	600	124
Integrated cooling unit, static 0°C /+40°C BASIC	K600AFISDZM0	8022949205607	1050x1400xh1000	810x965x755	600	124
Integrated cooling unit, ventilated -25°C /+10°C BASIC	K600AFIVBYM0	8022949229269	1050x1400xh1000	810x965x610	480	130
Integrated cooling unit, ventilated -25°C /+40°C BASIC	K600AFIVBZM0	8022949225407	1050x1400xh1000	810x965x610	480	130
Integrated cooling unit, static 0°C /+10°C wheels	K600AFISDYM1	8022949211257	1050x1400xh1165	810x965x755	600	127
Integrated cooling unit, static 0°C /+40°C wheels	K600AFISDZM1	8022949211233	1050x1400xh1165	810x965x755	600	127
Integrated cooling unit, ventilated -25°C /+10°C wheels	K600AFIVBYM1	8022949229207	1050x1400xh1165	810x965x610	480	133
Integrated cooling unit, ventilated -25°C /+40°C wheels	K600AFIVBZM1	8022949227630	1050x1400xh1165	810x965x610	480	133

DIMENSIONAL DRAWING



Static

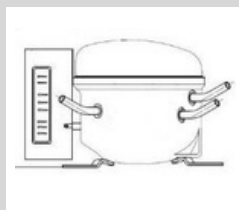


Ventilated

FEATURES COOLING UNIT



Ventilated cooling unit version for 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 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)



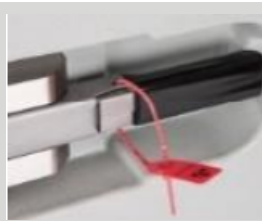
Cables for **12Vdc** power supply with Anderson terminal on the KOALA side and fork terminal for connection to the vehicle battery
(standard equipment)

Degree of accuracy: +/-0.5 °C

Refrigerant gas: R134a

Overall heat transfer coefficient: K=0,32 W/m2K

PRODUCT FEATURES



Stainless steel closing handle with release button; prepared for the use of an anti-tampering system



Stainless steel rod with 2 hooks integrated in the door



Temperature regulation and control with programmable digital thermostat



3 housing slots of grids positioned at 240/410/585mm from the bottom of the container.



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 600 Integrated cooling unit, static 0°C to +10°C	K600AFISDYM0 K600AFISDYM1	0,62A at 230Vac 12A to 12Vdc (150 W)	4A for 230Vac 25A for 12Vdc
Koala 600 Integrated cooling unit, static 0°C to +40°C	K600AFISDZM0 K600AFISDZM1	0,62A at 230Vac 12A to 12Vdc (150 W)	4A for 230Vac 25A for 12Vdc
Koala 600 Integrated cooling unit, ventilated -25°C to +10°C	K600AFIVBYM0 K600AFIVBYM1	1,3A at 230Vac 25A to 12Vdc (300 W)	4A for 230Vac 30A for 12Vdc
Koala 600 Integrated cooling unit, ventilated -25°C to +40°C	K600AFIVBZM0 K600AFIVBZM1	1,3A at 230Vac 25A to 12Vdc (300 W)	4A for 230Vac 30A for 12Vdc

ACCESSORIES

ACCESSORIES	SKU	AMPERAGE	WEIGHT (KG)	DIM. (MM)
Stainless steel grid	AEA047		6	838x950xh16
Plastic folding grid	PAPE0001		1,1	535x594x20
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
Floor/vehicle fixing kit (for Basic version)	RRI223		3	