



# KOALA 495



ATP 600X400

REFRIGERATED CONTAINER  
FOR THE TRANSPORT OF PRODUCTS  
AT TEMPERATURE-CONTROLLED



[www.melform.com](http://www.melform.com)



# KOALA

# 495

- Brand: MELFORM
- Country of origin: ITALY
- Customs code: 84181080
- ATP Certificate
- Compatible with food contact
- Color: grey/blue
- Available in version basic, on wheels, feet
- Dual power supply: 12Vdc and 230Vac
- Technology: rotomoulding
- Warranty: 24 months
- Fully recyclable at the end of its operational life.

## 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.

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

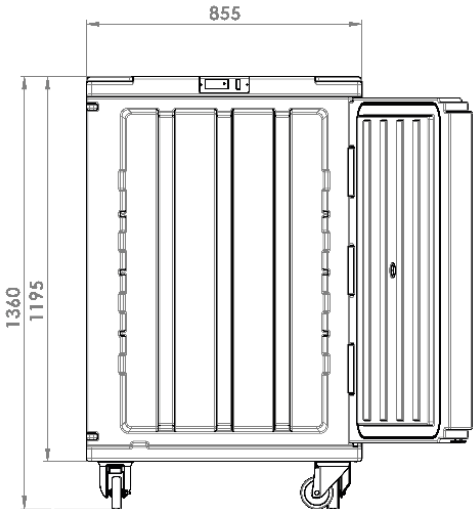
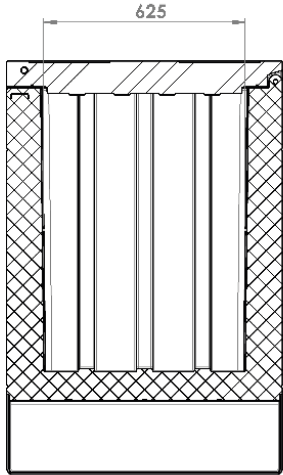
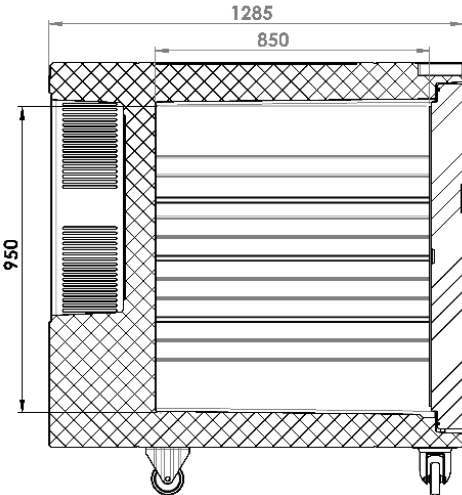
**STAINLESS STEEL:** handling handles, closing handle, rod inside the door.

**GALVANIZED STEEL:** crankcase, wheel support.

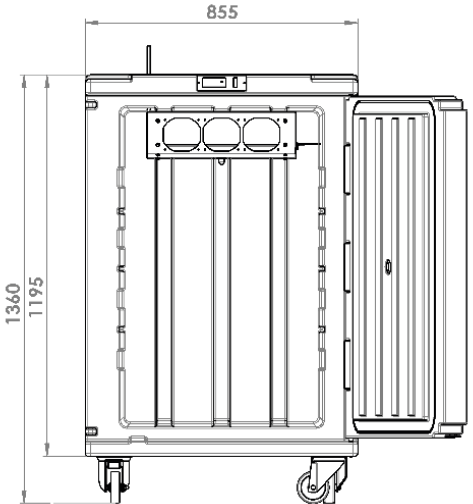
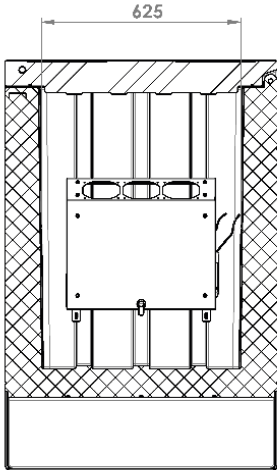
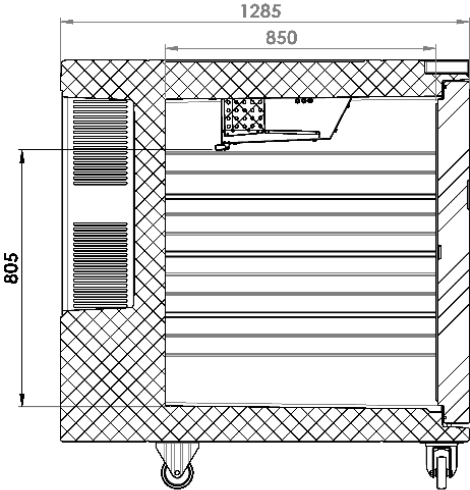
## AVAILABLE MODELS

MODEL	SKU	EAN CODE	EXT. DIM. (mm)	INT. DIM. (mm)	CAPACITY (l)	WEIGHT (kg)
INTEGRATED COOLING UNIT, STATIC 0°C / +10°C BASIC	K495AFISDYMO	8022949210014	855x1285xh1195	625x850xh950	520	119
INTEGRATED COOLING UNIT, STATIC 0°C / +40°C BASIC	K495AFISDZMO	8022949197360	855x1285xh1195	625x850xh950	520	119
INTEGRATED COOLING UNIT, VENTILATED -25°C / +10°C BASIC	K495AFIVBYMO	8022949209995	855x1285xh1195	625x850xh805	430	129
INTEGRATED COOLING UNIT, VENTILATED -25°C / +40°C BASIC	K495AFIVBZMO	8022949210007	855x1285xh1195	625x850xh805	430	129
INTEGRATED COOLING UNIT, STATIC 0°C / +10°C ON WHEELS	K495AFISDYM1	8022949208806	855x1285xh1360	625x850xh950	520	125
INTEGRATED COOLING UNIT, STATIC 0°C / +40°C ON WHEELS	K495AFISDZM1	8022949208592	855x1285xh1360	625x850xh950	520	125
INTEGRATED COOLING UNIT, VENTILATED -25°C / +10°C ON WHEELS	K495AFIVBYM1	8022949208790	855x1285xh1360	625x850xh805	445	135
INTEGRATED COOLING UNIT, VENTILATED -25°C / +40°C ON WHEELS	K495AFIVBZM1	8022949207205	855x1285xh1360	625x850xh805	445	135

# DIMENSIONAL DRAWING

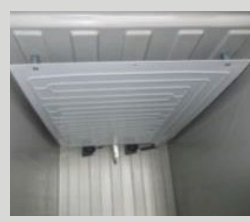


**Koala 495 static**



**Koala 495 ventilated**

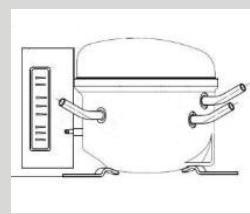
# FEATURES COOLING UNIT



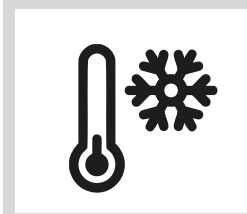
Static cooling unit version for greater temperature uniformity inside the container



Ventilated cooling unit version to ensure a greater speed of reaching the temperature 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 body) guaranteed for use: **-30°C to +100°C**



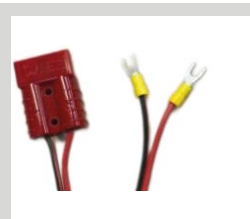
**230Vac 50-60Hz** cables power supply

(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 (versions 0°C +10/+40°C);**
- **R452a (versions -25°C +10/+40°C);**

Overall heat transfer coefficient: **K=0.35 W/m²K**

# PRODUCT FEATURES



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



Stainless steel rod with 2 hooks integrated in the door



Temperature regulation and control with programmable digital thermostat



Integrated front handles, designed to ensure ergonomic and safe handling



RFID systems for traceability



USB datalogger available (on request) to record temperature data during transport

# AVAILABLE MODELS

MODEL	SKU	ABSORPTION NOMINAL	FUSES
KOALA 495 INTEGRATED COOLING UNIT, STATIC 0°C TO +10°C	K495AFISDYM0 K495AFISDYM1	0.62A at 230Vac 12A to 12Vdc (150 W)	4A for 230Vac 25A for 12Vdc
KOALA 495 INTEGRATED COOLING UNIT, VENTILATED -25°C TO 10°C	K495AFIVBYM0 K495AFIVBYM1	1A at 230Vac 25A at 12Vdc (300 W)	4A for 230Vac 30A for 12Vdc
KOALA 495 INTEGRATED COOLING UNIT, STATIC 0°C TO +40°C	K495AFISDZM0 K495AFISDZM1	0.62A at 230Vac 12A to 12Vdc (150 W)	4A for 230Vac 25A for 12Vdc
KOALA 495 INTEGRATED COOLING UNIT, VENTILATED -25°C TO +40°C	K495AFIVBZM0 K495AFIVBZM1	1A at 230Vac 25A at 12Vdc (300 W)	4A for 230Vac 30A for 12Vdc

# ACCESSORIES

ACCESSORIES	SKU	AMPERAGE	DIM. (mm)	WEIGHT (kg)
Floor/vehicle fixing kit (for Basic version)	RRI223			
Stainless Steel Grid	AEA046		643x835xh16	4,7
Card holder	RRI141		A5	0,05
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			