

KOALA 1300 AF

80x120 INSIDE



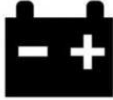


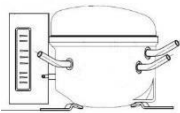








Refrigerated container for the transport of food/pharmaceutical products at a controlled temperature

- Available in versions:
 - AF: temperature adjustment range: from **-18°C to +10°C**;
 - AFH: with heating kit and temperature adjustment range: from **-18°C to + 40°C**.
- **EUROPALLET internal dimensions (80x120cm)**: maximum convenience in loading and unloading of goods on pallets.
- Insulation offered by container walls ensures that the temperature maintenance is guaranteed with a minimum number of ignitions of the cooling unit; this contributes limiting energy consumption.
- Cooling unit is triggered when inner temperature is higher than the temperature set with the programmable digital thermostat.
- In the AFH versions, the heating unit is triggered when inner temperature is lower than the temperature set with the programmable digital thermostat.
- Total compliance with the cold chain at all stages of transport.
- It can be transported using conventional vehicles: it allows to simultaneously transport chilled, frozen and ambient temperature products using a single non-insulated vehicle.
- Equipped with a low consumption fridge unit.
- Dual power supply: during the transport, it can be connected via Anderson connector or fork terminal to the battery (or auxiliary battery) of the vehicle and, once at destination, can be connected to the mains current.
- Manufactured using the rotational moulding technology: mono-block container and door (free of sharp edges, joints and welds).
- **Fully recyclable** at the end of the operating life.







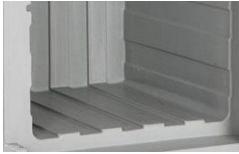

MANUFACTURING MATERIALS

Polyethylene	inner and outer walls of the container and lid; suitable for food contact	Polyurethane	insulating material between the walls of the container and of the lid; free of CFC and HCFC
Silicone	gasket	Rubber and polyamide	castors (rubber tread and polyamide core)
Galvanized steel	cooling unit frame, hinge rods, plates connecting rods hinge, castors support	Stainless steel	handling handles, locking handle, inner rod of the door, hinge rod
Polypropylene	hinges		

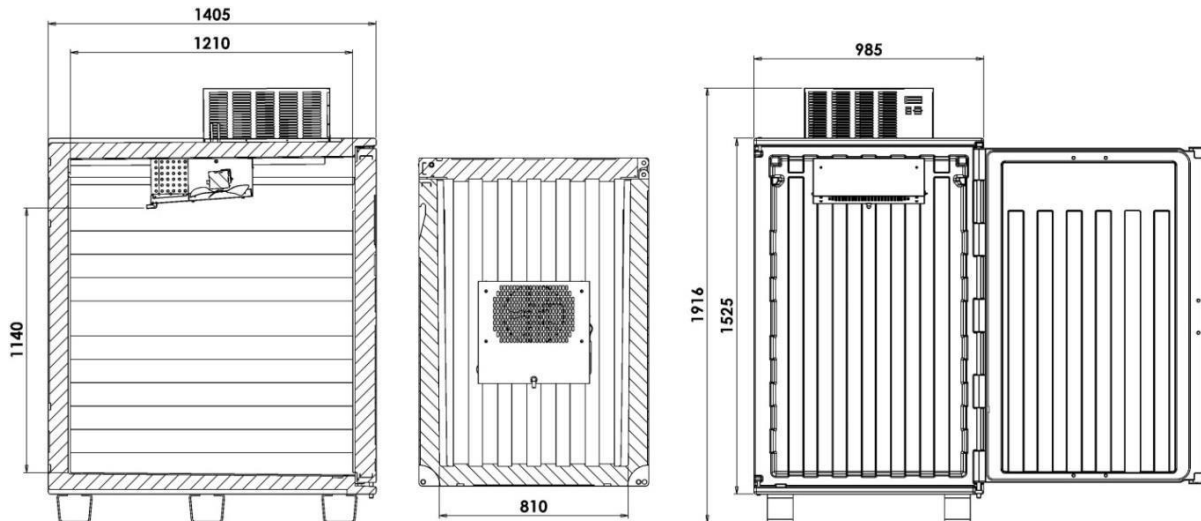
TECHNICAL CHARACTERISTICS

<p>AF Version</p>	<ul style="list-style-type: none"> • from 0°C to +10°C • from -18°C to +40°C 	<p>AFH Version</p>	<ul style="list-style-type: none"> • from 0°C to +40°C • from -18°C to +40°C
<p>+/- 0,5 °C</p>	<p>Degree of accuracy in temperature adjustment:</p> <ul style="list-style-type: none"> • +/- 0,5 °C 		<p>Protection against voltage drops of the vehicle battery, in case of falling below of the limit value of 11V</p>
	<p>Equipped with three cables: for power supply to 230Vac 50-60Hz</p>		<p>For power supply to 12Vdc</p> <ul style="list-style-type: none"> • with Anderson connectors • with Anderson terminal for connection to the Koala and fork terminals for connection to the battery of the vehicle
	<p>Hermetic compressor with electronic control unit for adjustment and control, equipped with overvoltage protections</p>	<p>GAS</p>	<p>Coolant gas:</p> <ul style="list-style-type: none"> • R452A
	<p>Cooling unit performance guaranteed for use at ambient temperature:</p> <ul style="list-style-type: none"> • from +10°C to +32°C 		<p>Container (insulated case) guaranteed for use:</p> <ul style="list-style-type: none"> • from -30° to +100°C
	<p>USB data logger available (on request) to record temperature data during transport</p>		<p>Adjustment and control of the temperature with programmable digital thermostat</p>
	<p>Equipped with 4 rubber-coated castors of 125 mm (2 fixed and 2 swivel of which one equipped with brake). Support runners plate integrated in the container</p>		<p>Available also in the following versions:</p> <ul style="list-style-type: none"> - pallet, with galvanized steel frame and 6 feet h 120 mm - feet, with 6 feet h 120mm in galvanized steel
	<p>The ventilation system ensures a greater speed and uniformity of diffusion of the cold inside the container</p>		<p>Easily removable door seal</p>

TECHNICAL CHARACTERISTICS

	<p>Stainless steel locking handle with release button; it is prepared for the use of tamper-proof system</p>	<p>K</p>	<p>Overall heat transmission coefficient: K = 0,35 W/ m²K</p>
	<p>Label holder (on request) for the identification of the content or destination. Suitable for A5 format documents</p>		<p>Double-pivot hinge system. Better door stability over time</p>
	<p>Door opens up to 270° with door retaining catch</p>		<p>Stainless steel rod with 2 hooks integrated inside the door</p>
	<p>Mono-block structure, no sharp edges, joints and welds</p>		<p>Internal grooves improving good air circulation</p>
	<p>Insulated with CFC and HCFC-free polyurethane foam</p>		

TECHNICAL SPECIFICATIONS



Model	Code	Nominal absorption	Fuses			
AF VERSION						
Koala 1300 AF cooling unit on top ventilated from 0°C to +10°C	K1300AFTVDYM1	1A to 230Vac 25A to 12Vdc	4A for 230Vac 30A for 12Vdc			
Koala 1300 AF cooling unit on top ventilated from -18°C to +10°C	K1300AFTVCYM1	1A to 230Vac 25A to 12Vdc	4A for 230Vac 30A for 12Vdc			
AFH VERSION (with heating kit)						
Koala 1300 AFH cooling unit on top ventilated from 0°C to +40°C	K1300AFTVDZM1	1A to 230Vac 25A to 12Vdc	4A for 230Vac 30A for 12Vdc			
Koala 1300 AFH cooling unit on top ventilated from -18°C to +40°C	K1300AFTVCZM1	1A to 230Vac 25A to 12Vdc	4A for 230Vac 30A for 12Vdc			
Model	Code	Colour	External dim. (mm)	Internal dim. (mm)	Capacity (liters)	Weight (Kg)
Koala 1300 AF/AFH cooling unit on top ventilated		melange grey blue	985X1405Xh1916	810x1210xh1140	1115	177
ACCESSORIES						
Label holder in polycarbonate	AMC101	transparent	173xh200	148xh210 -A5-		