

Koala 500 AF



ATP



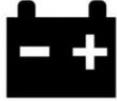
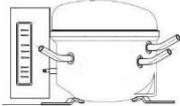
Refrigerated container for the transport of chilled and frozen products at a controlled temperature

- 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°.
- 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 external temperature is higher than the temperature set with the programmable digital thermostat. This allows to maintain a constant temperature even in case of very high external temperatures.
- In the AFH versions, the heating unit is triggered when external temperature is lower than the temperature set with the programmable digital thermostat. This allows to maintain a constant temperature even in case of very low external temperatures.
- 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.
- It can be powered at 230Vac, using normal mains power.
- It can be powered at 12Vdc, depending on the model, directly or by inverter, it can be connected to the battery (or auxiliary battery) of the vehicle.
- Dual power source: during transport can be connected to the battery (or auxiliary battery) of the vehicle and, at the destination, can be connected to mains power.
- 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, castors support	Stainless steel	handling handles, locking handle, inner rod of the door, hinge rod

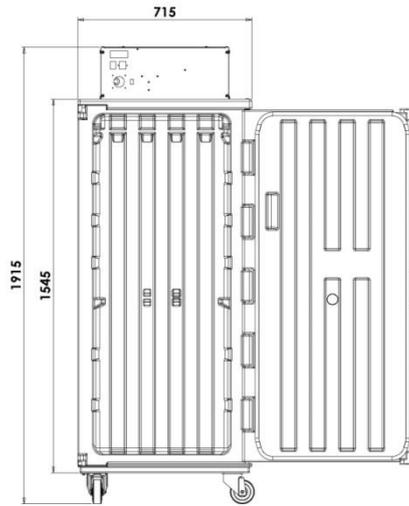
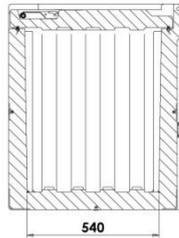
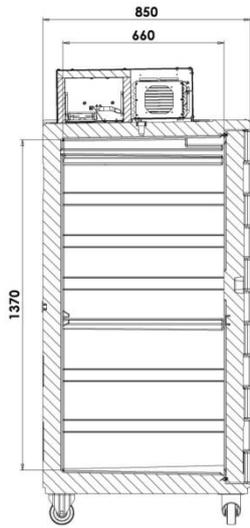
TECHNICAL CHARACTERISTICS

<p>AF Version</p>	<ul style="list-style-type: none"> • from 0°C to +10°C • from -18°C to +10°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:</p> <ul style="list-style-type: none"> • 11V with power supply 12 Vdc • 22V with power supply 24 Vdc by means of inverters on versions -18°C +10/+40°C.
	<p>Equipped with two cables:</p> <ul style="list-style-type: none"> • for power supply to 230Vac 50-60Hz. 		<p>Versions 0°C +10/+40°C equipped with fork terminals to power supply at 12Vdc.</p>
	<p>Versions -18°C +10/+40°C</p> <ul style="list-style-type: none"> • It can be powered at 12Vdc with inverter AHD008; • It can be powered at 24Vdc with inverter AHD011 (inverter available on request). 	<p>GAS</p>	<p>Coolant gas:</p> <ul style="list-style-type: none"> • R134a 200g (version 0°C +10/+40°C) • R507 365g (versions -18°C +10/+40°C).
	<p>Cooling unit performance guaranteed for use at ambient temperature:</p> <ul style="list-style-type: none"> • from +10°C to +30°C. 		<p>Container (insulated case) guaranteed for use:</p> <ul style="list-style-type: none"> • from -30° to +100°C.
	<ul style="list-style-type: none"> - In versions with cooling unit on top 0°C +10/+40°C; the ventilation system is positioned on the upper wall of the container. - In versions cooling unit on back 0°C +10/+40°C, the ventilated system is positioned on the upper wall of the container - In versions 18°C +10/+40°C, The ventilation system, positioned on the upper wall of the container <p>The system ensures a greater speed and uniformity of diffusion of the cold inside the container.</p>		<p>Adjustment and control of the temperature with programmable digital thermostat.</p>
	<p>USB data logger available (on request) to record temperature data during transport.</p>		<p>Hermetic compressor with electronic control unit for adjustment and control equipped with overvoltage protections.</p>

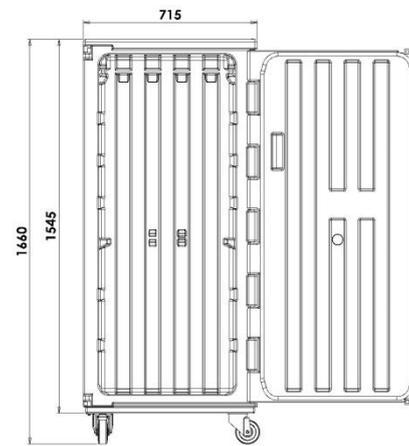
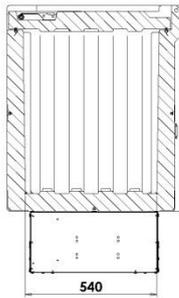
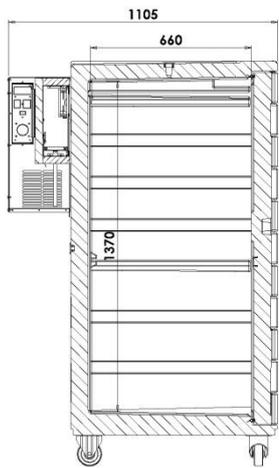
TECHNICAL CHARACTERISTICS

	<p>1 seat for housing of the grid positioned to 60 cm from the bottom of the container. Grids available on request.</p>		<p>Label holder (on request) for the identification of the content or destination. Suitable for A5 format documents.</p>
	<p>Available (on request):</p> <ul style="list-style-type: none"> -on all versions, lower adapter in stainless steel for GN pans (transport capacity of 5 runners lower adapter -pitch 105mm)-: 10 GN1/1 h 65/100; 4 GN1/1 h 200/150); -on versions: 0°C +10/+40°C upper adapter in stainless steel for GN pans (transport capacity of 5 runners upper adapter - pitch 115mm-: 10 GN1/1 h 65/100; 4 GN1/1 h 200/150); 		<p>Stainless steel locking handle with release button; it is prepared for the use of tamper-proof system.</p>
	<p>Equipped with 4 rubber coated castors of 100 mm diameter (2 fixed and 2 swivel of which one equipped with brake). Support runners plate integrated in the container.</p>		<p>Possibility to insert:</p> <ul style="list-style-type: none"> - Pallets with galvanized steel frame 4 feet h 120 mm - 4 feet h 130mm in galvanized steel.
	<p>Internal grooves improving good air circulation.</p>		<p>Door opens up to 270° with door retaining catch.</p>
	<p>Easily removable door seal.</p>		<p>Stainless steel rod with 2 hooks integrated inside the door.</p>
	<p>Available (on request) towing set to move more than one container at the same time.</p>		<p>Mono-block structure, no sharp edges, joints and welds.</p>
	<p>Insulated with CFC and HCFC-free polyurethane foam.</p>	<p>K</p>	<p>Overall heat transmission coefficient: K=0,53 W/m2K.</p>

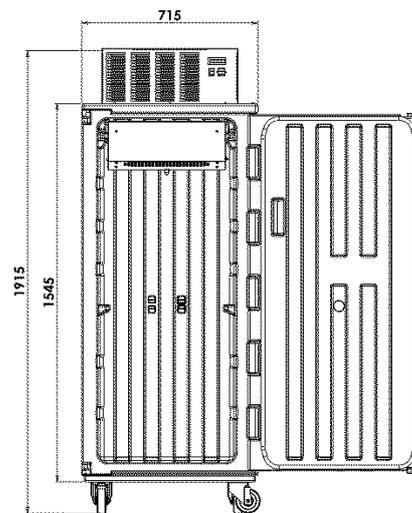
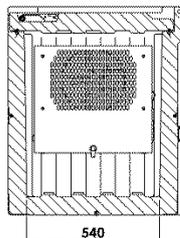
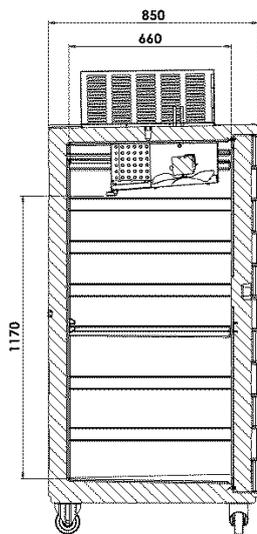
TECHNICAL SPECIFICATIONS



Model with cooling unit on top, positive, ventilated
code: 05009040, 05009084

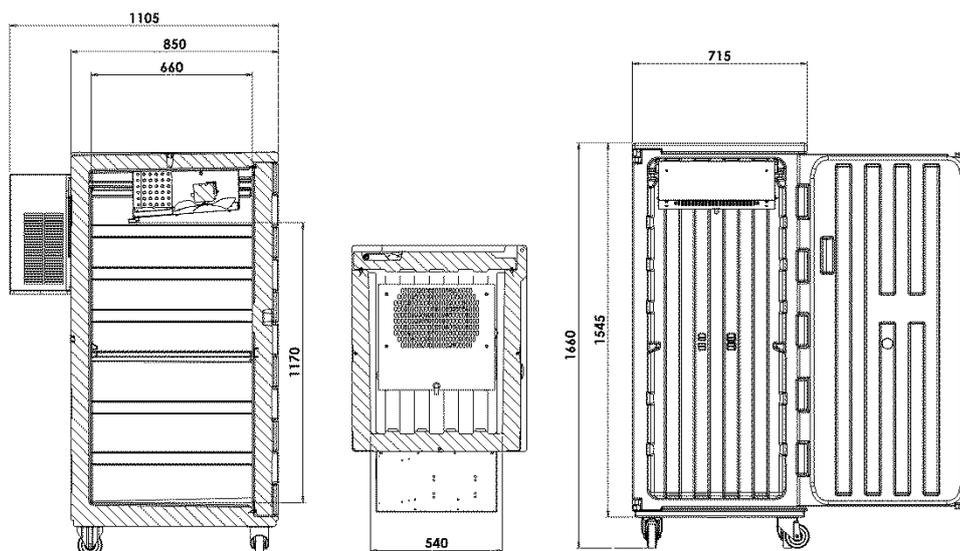


Model with cooling unit on back, positive, ventilated
code: 05009042, 05009082



Model with cooling unit on top, negative, ventilated
code: 05009056, 05009085

TECHNICAL SPECIFICATIONS



Modello frigo dorso negativo ventilato
cod.: 05009081, 05009083

Model	Code	12V Power supply Fork terminal	12V Power supply Cigarette lighter socket	Nominal absorption	Fuses
AF VERSION					
Koala 500 AF cooling unit on top ventilated from 0°C to +10°C	05009040	✓		0,62A to 230Vac 12A to 12Vdc	4A for 230Vac 25A for 12Vdc
Koala 500 AF cooling unit on back ventilated from 0°C to +10°C	05009042	✓		0,62° to 230Vac 12A to 12Vdc	4A for 230Vac 25A for 12Vdc
Koala 500 AF cooling unit on top ventilated from -18°C to +10°C	05009056			2A to 230Vac	4A for 230Vac
Koala 500 AF cooling unit on back ventilated from -18°C to +10°C	05009081			2A to 230Vac	4A for 230Vac
AFH VERSION (with heating kit)					
Koala 500 AFH cooling unit on top ventilated from 0°C to +40°C	05009084	✓		0,62A to 230Vac 12A to 12Vdc	4A for 230Vac 25A for 12Vdc
Koala 500 AFH cooling unit on back ventilated from 0°C to +40°C	05009082	✓		0,62A to 230Vac 12A to 12Vdc	4A for 230Vac 25A for 12Vdc
Koala 500 AFH cooling unit on top ventilated from -18°C to +40°C	05009085			2A to 230Vac	4A for 230Vac
Koala 500 AFH cooling unit on back ventilated from -18°C to +40°C	05009083			2A to 230Vac	4A for 230Vac

Model	Code	Colour	External dim. (mm)	Internal dim. (mm)	Capacity l	Weight Kg
Koala 500 AF/AFH cooling unit on top positive ventilated	05009040 05009084	melange grey blue	715X850Xh1915	540x660xh1370	500	116
Koala 500 AF/AFH cooling unit on back positive ventilated	05009042 05009082	melange grey blue	715X1105Xh1660	540x660xh1370	500	116
Koala 500 AF/AFH cooling unit on top negative ventilated	05009056 05009085	melange grey blue	715X850Xh1915	540x660xh1170	416	120
Koala 500 AF/AFH cooling unit on back negative ventilated	05009081 05009083	melange grey blue	715X1105Xh1660	540x660xh1170	416	120
ACCESSORIES						
Label holder in polycarbonate	AMC101	trasparent	173xh200	148xh210 -A5-		
Grid in plastic	PAPE0001	grey	535x594xh20			1,1
5 runners lower GN adapter	AAA033	stainless steel	555x650xh585			9
5 runners upper GN adapter	AAA034	stainless steel	555x650xh685			9
Towing set	SETTR500	galvanized steel				
Inverter 12Vc.c./220Vc.a.	AHD008					
Inverter 24Vc.c./220Vc.a.	AHD011					
Certificate of ATP approval FNAX class	AOD008/C					



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