



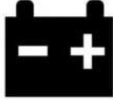




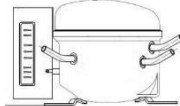


## Refrigerated container for the transport of food/pharmaceutical products at a controlled temperature

- 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**.
- 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. 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 inner 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.
- 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

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

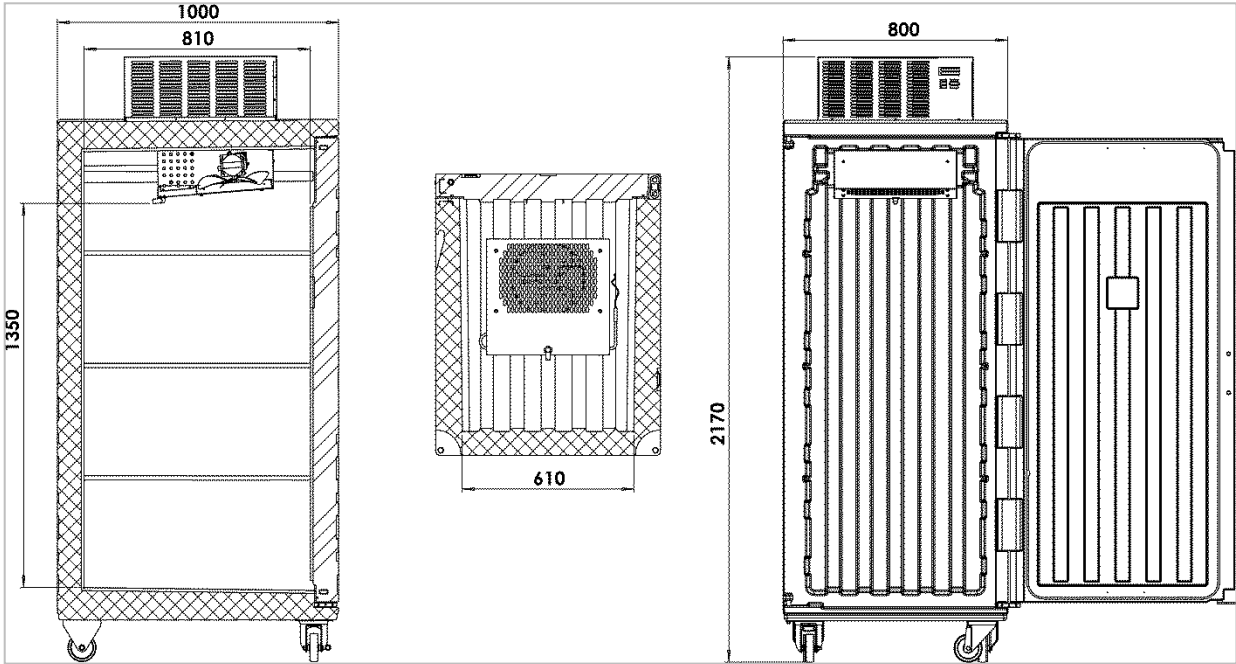
## TECHNICAL CHARACTERISTICS

<p><b>AF Version</b></p>	<ul style="list-style-type: none"> <li>• from 0°C to +10°C</li> <li>• from -18°C to +10°C</li> </ul>	<p><b>AFH Version</b></p>	<ul style="list-style-type: none"> <li>• from 0°C to +40°C</li> <li>• from -18°C to +40°C</li> </ul>
<p><b>+/- 0,5 °C</b></p>	<p>Degree of accuracy in temperature adjustment:</p> <ul style="list-style-type: none"> <li>• +/-0,5 °C</li> </ul>		<p>Protection against voltage drops of the vehicle battery, in case of falling below of the limit value of <b>11V</b></p>
	<p>Equipped with three cables: for power supply to <b>230Vac 50-60Hz</b></p>		<p>For power supply to <b>12Vdc</b></p> <ul style="list-style-type: none"> <li>• with Anderson connectors</li> <li>• with Anderson terminal for connection to the Koala and fork terminals for connection to the battery of the vehicle</li> </ul>
	<p>Cooling unit performance guaranteed for use at ambient temperature:</p> <ul style="list-style-type: none"> <li>• from +10°C to +32°C</li> </ul>		<p>Container (insulated case) guaranteed for use:</p> <ul style="list-style-type: none"> <li>• from -30° to +100°C</li> </ul>
<p><b>GAS</b></p>	<p>Coolant gas:</p> <ul style="list-style-type: none"> <li>• <b>R452A</b></li> </ul>		<p>Hermetic compressor with electronic control unit for adjustment and control equipped with overvoltage protections</p>
	<p>The ventilation 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>3 seat for housing of the grids positioned to 385/785/1185mm from the bottom of the container. Grids available on request</p>

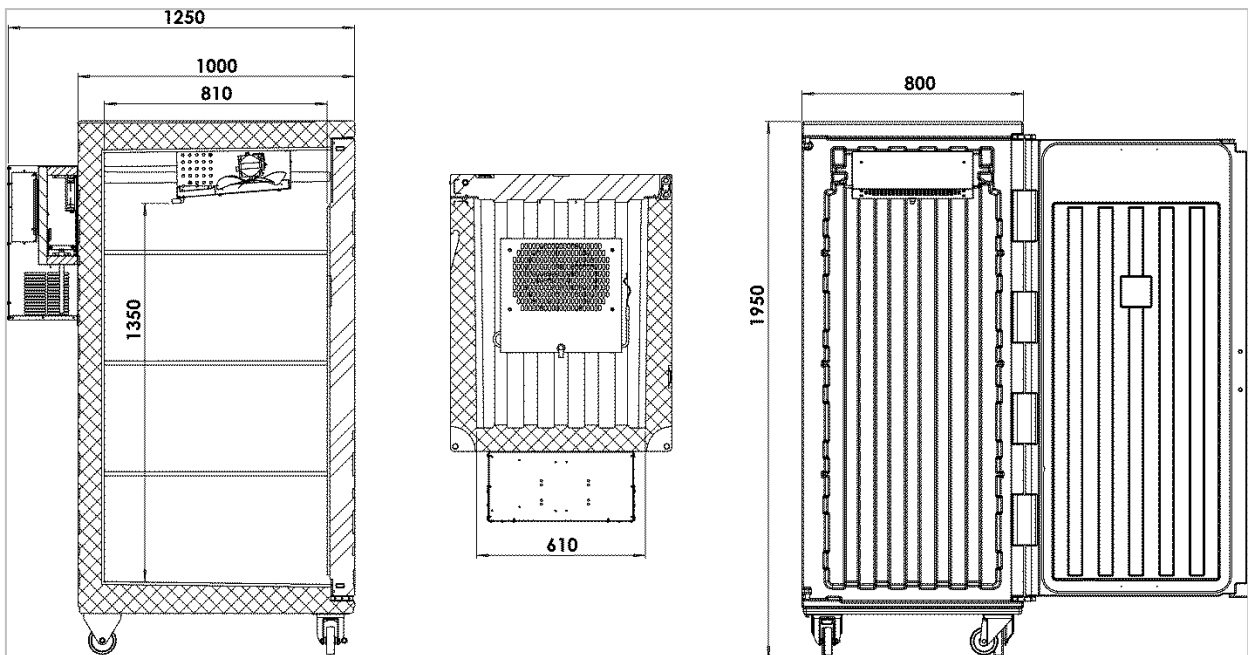
## TECHNICAL CHARACTERISTICS

	<p>Stainless steel locking handle with release button; it is prepared for the use of tamper-proof system</p>		<p>Mono-block structure, no sharp edges, joints and welds</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>Possibility to insert:</p> <ul style="list-style-type: none"> <li>- Pallets with galvanized steel frame 6 feet h 120 mm</li> <li>- 4 feet h 120mm in galvanized steel</li> </ul>
	<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>Easily removable door seal</p>
	<p>Stainless steel rod with 2 hooks integrated inside the door</p>		<p>Internal grooves improving good air circulation</p>
	<p>Insulated with CFC and HCFC-free polyurethane foam</p>		

**TECHNICAL SPECIFICATIONS**



**Model with cooling unit on top ventilated**  
**code: K780AFTVDYM1, K780AFTVDZM1, K780AFTVCYM1, K780AFTVCZM1**



**Model with cooling unit on back ventilated**  
**code: K780AFDVDYM1, K780AFDVDZM1, K780AFDVCYM1, K780AFDVCZM1**

Model	Code	Nominal absorption	Fuses			
<b>AF VERSION</b>						
Koala 780 AF cooling unit on top ventilated from 0°C to +10°C	K780AFTVDYM1	1A to 230Vac 25A to 12Vdc	4A for 230Vac 30A for 12Vdc			
Koala 780 AF cooling unit on back ventilated from 0°C to +10°C	K780AFDVDYM1	1A to 230Vac 25A to 12Vdc	4A for 230Vac 30A for 12Vdc			
Koala 780 AF cooling unit on top ventilated from -18°C to +10°C	K780AFTVCYM1	1A to 230Vac 25A to 12Vdc	4A for 230Vac 30A for 12Vdc			
Koala 780 AF cooling unit on back ventilated from -18°C to +10°C	K780AFDVCYM1	1A to 230Vac 25A to 12Vdc	4A for 230Vac 30A for 12Vdc			
<b>AFH VERSION (with heating kit)</b>						
Koala 780 AFH cooling unit on top ventilated from 0°C to +40°C	K780AFTVDZM1	1A to 230Vac 25A to 12Vdc	4A for 230Vac 30A for 12Vdc			
Koala 780 AFH cooling unit on back ventilated from 0°C to +40°C	K780AFDVDZM1	1A to 230Vac 25A to 12Vdc	4A for 230Vac 30A for 12Vdc			
Koala 780 AFH cooling unit on top ventilated from -18°C to +40°C	K780AFTVCZM1	1A to 230Vac 25A to 12Vdc	4A for 230Vac 30A for 12Vdc			
Koala 780 AFH Cooling unit on back ventilated from -18°C to +40°C	K780AFDVCZM1	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 780 AF/AFH cooling unit on top ventilated		melange grey blue	800X1000Xh2170	610x810xh1350	610	145
Koala 780 AF/AFH cooling unit on back ventilated		melange grey blue	800X1250Xh1950	610x810xh1350	610	145
<b>ACCESSORIES</b>						
Label holder	AMC101	trasparent	173xh200	148xh210 -A5-		
Grid in stainless steel	AEA019	stainless steel	647x790xh16			4,3