

# Koala 150 AS



ATP



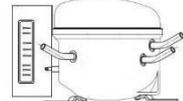
## Refrigerated container for the transport of food/pharmaceutical products at a controlled temperature

- Available in versions:
  - AS: temperature adjustment range: from 0°C to +10°C;
  - ASH: with heating kit and temperature adjustment range: from 0°C to +40°.
- Equipped with a practical top hinged lid, it allows to take full advantage of the load capacity.
- Ideal for transporting bulk produce.
- 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 ASH 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 cigarette lighter plug or Anderson connector 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.

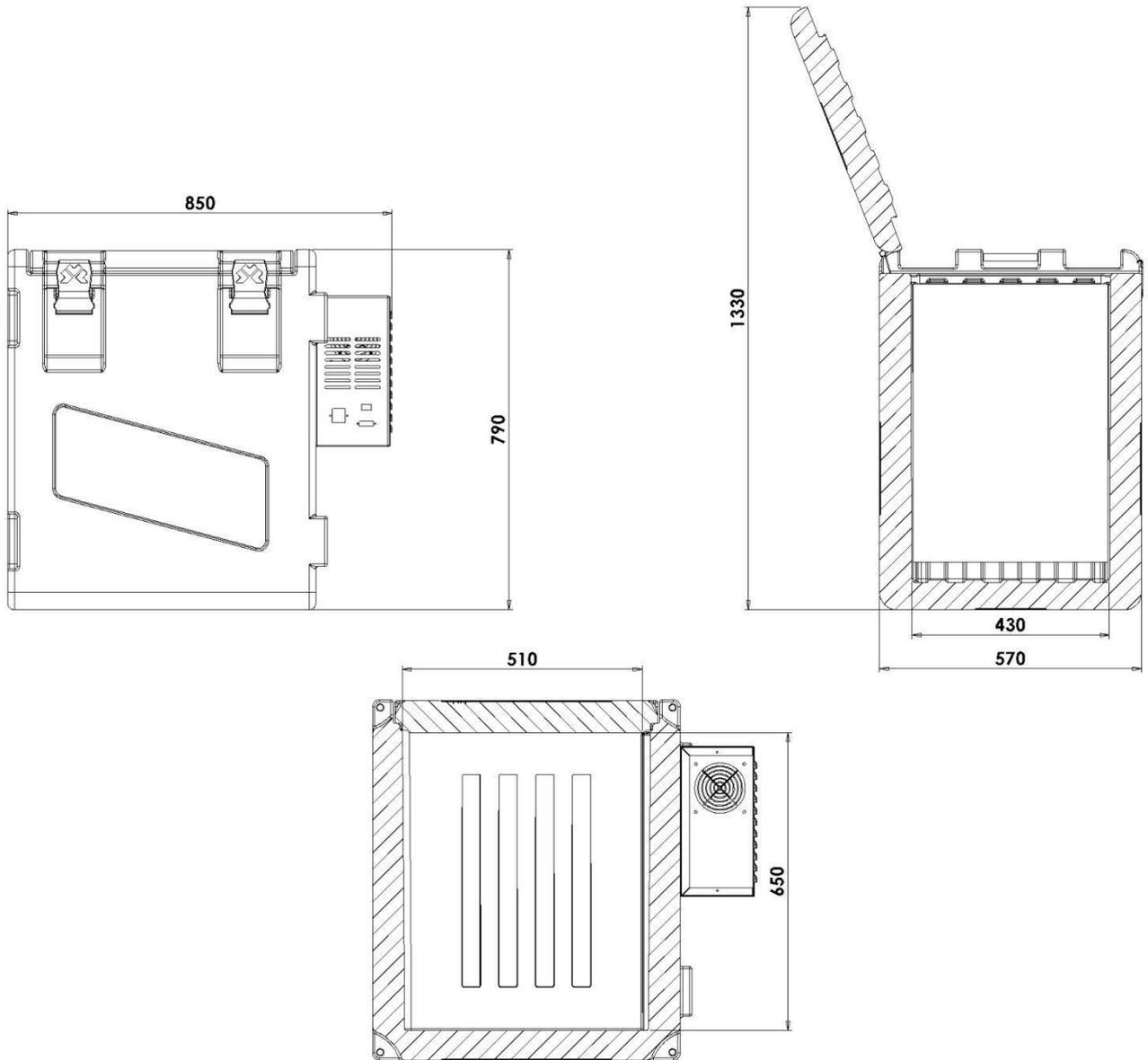
### MANUFACTURING MATERIALS

<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>Stainless steel</b>	handle on lid, chain lid stopper, perforated evaporator protection grid	<b>Polyamide reinforced with fiberglass</b>	latches, hinges
<b>Galvanized steel</b>	cooling unit frame	<b>Silicone</b>	gasket
<b>POM acetal resin</b>	handle cover on lid		

## TECHNICAL CHARACTERISTICS

<b>AS version</b>	<ul style="list-style-type: none"> <li>da 0°C a +10°C</li> </ul>	<b>ASH version</b>	<ul style="list-style-type: none"> <li>da 0°C a +40°C</li> </ul>
	<p>Equipped with three cables:</p> <p>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><b>+/- 0,5 °C</b></p>	<p>Degree of accuracy in temperature adjustment:</p> <ul style="list-style-type: none"> <li><b>+/-0,5 °C</b></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><b>GAS</b></p>	<p>Coolant gas:</p> <ul style="list-style-type: none"> <li><b>R134a</b></li> </ul>		<p>Hermetic compressor with electronic control unit for adjustment and control equipped with overvoltage protections</p>
	<p>Cooling unit performance guaranteed for use at ambient temperature:</p> <ul style="list-style-type: none"> <li><b>from +10°C to +32°C</b></li> </ul>		<p>Container (insulated case) guaranteed for use:</p> <ul style="list-style-type: none"> <li><b>from -30° to +100°C</b></li> </ul>
	<p>Adjustment and control of the temperature with programmable digital thermostat</p>		<p>Static versions equipped with a "roll-bond" static evaporator</p>
	<p>Practical and effective closing system, composed of two closing hooks in shock-proof material and an easily removable inner door seal</p>		<p>Easily removable door gasket</p>
	<p>Fitted with adjustable venting valve</p>		<p>Stainless steel built-in grip handles</p>
	<p>Monobloc structure, no sharp edges, joints and welds</p>		<p>Equipped with shockproof hinges, with high resistance to stresses</p>
	<p>Insulated with CFC and HCFC-free polyurethane foam</p>		<p>Trolley in galvanized steel:</p> <ul style="list-style-type: none"> <li>loading capacity 200 Kg;</li> <li>4 castors made of anti tracking rubber and PP;</li> <li>castor diameter: 125 mm;</li> <li>4 swivelling castors, of which 2 with brake</li> </ul>
	<p>USB data logger available (on request) to record temperature data during transport</p>	<p><b>K</b></p>	<p>Overall heat transmission coefficient:</p> <p><b>K=0,48 W/m²K</b></p>

## TECHNICAL SPECIFICATIONS



Model	Code	Nominal absorption	Fuses
<b>AS VERSION</b>			
Koala 150 AS from 0°C to +10°C	K150ASCSDYM0	<b>0,35A</b> to 230Vac <b>7A</b> to 12Vdc	<b>4A</b> for 230Vac <b>15A</b> for 12Vdc
<b>ASH VERSION (with heating kit)</b>			
Koala 150 ASH from 0°C to +40°C	K150ASCSDZM0	<b>0,35A</b> to 230Vac <b>7A</b> to 12Vdc	<b>4A</b> for 230Vac <b>15A</b> for 12Vdc

Model	Code	Colour	External dim. (mm)	Internal dim. (mm)	Capacity (liters)	Weight (Kg)
Koala 150 AS/ASH <b>Cooling unit on the side static</b>		melange grey blue	850x570xh790	510x430xh650	148	37,5
<b>ACCESSORIES</b>						
Trolley <b>in galvanized steel</b>	AIB002	galvanized steel	670x575xh235			11
Label holder <b>A5 dimensions</b>	AMC106	trasparent	242xh157	148xh210 -A5-		

