

# Koala 160 AS



Castors Kit available on request →

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

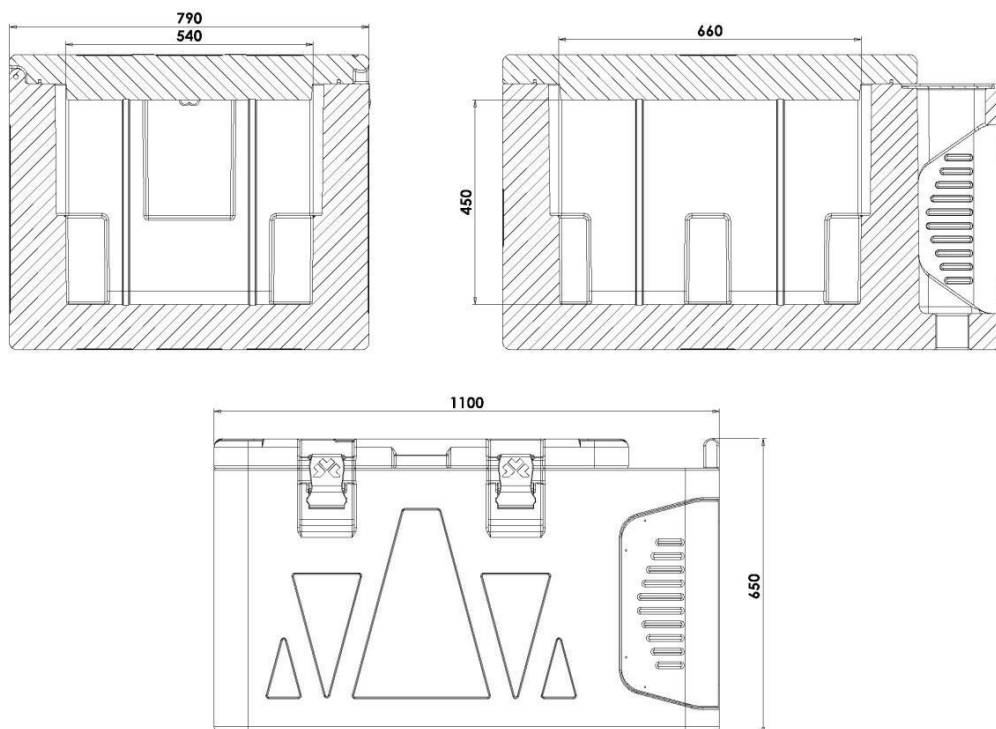
- Available in versions:
  - AS: temperature adjustment range: from -25°C to +10°C;
  - ASH: with heating kit and temperature adjustment range: from -25°C to +40°.
- Ideal for transporting large quantities.
- The insulation provided by the walls of the container (particularly thick in this model), guarantees the maintenance of the temperature with a minimum number of ignitions of the refrigeration unit and this contributes to limit 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 cooling 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>Silicone</b>	gasket	<b>Polyamide and fiberglass</b>	hinges
<b>Aluminum</b>	colling unit frame, control panel	<b>Stainless steel</b>	grip handles

TECHNICAL CHARACTERISTICS			
AS version	<ul style="list-style-type: none"> <li>• from 0°C to +10°C</li> <li>• from -18°C to +10°C</li> <li>• from -25°C to +10°C</li> </ul>	Versione ASH	<ul style="list-style-type: none"> <li>• from 0°C to +40°C</li> <li>• from -18°C to +40°C</li> <li>• from -25°C to +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>
<b>+/- 0,5 °C</b>	<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>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>
<b>GAS</b>	<p>Coolant gas: <b>R134a</b></p>		<p>Hermetic compressor with electronic control unit for adjustment and control equipped with overvoltage protections</p>
	<p>Adjustment and control of the temperature with programmable digital thermostat</p>		<p>Cooling unit equipped with a "roll-bond" static evaporator</p>
	<p>Seal of the lid can be removed easily</p>		<p>Integrated stainless steel handles</p>
	<p>Hinge integrated in the container</p>		<p>Melform closing hook in shockproof material</p>
	<p>Evaporator protection internal grid made of plasticised metal wire</p>		<p>Mono-block structure, no sharp edges, joints and welds</p>
	<p>Insulated with CFC and HCFC-free polyurethane foam</p>		<p>Available (on request) USB datalogger to record temperature data during transport</p>
	<p>Wheels kit available on request (2 fixed castors and 2 swivel castors with brake d.125mm; rubber tread, polyamide core, galvanized steel support)</p>		

## TECHNICAL SPECIFICATIONS



Model	Code	Nominal absorption	Fuses			
AS VERSION						
Koala 160 AS from 0°C to +10°C	K160ASISDYM0	0,62A to 230Vac 12A to 12Vdc	4A for 230Vac 25A for 12Vdc			
Koala 160 AS from -18°C to +10°C	K160ASISCYM0	0,62A to 230Vac 12A to 12Vdc	4A for 230Vac 25A for 12Vdc			
Koala 160 AS from -25°C to +10°C	K160ASISBYM0	0,62A to 230Vac 12A to 12Vdc	4A for 230Vac 25A for 12Vdc			
ASH VERSION (with heating kit)						
Koala 160 ASH from 0°C to +40°C	K160ASISDZM0	0,62A to 230Vac 12A to 12Vdc	4A for 230Vac 25A for 12Vdc			
Koala 160 ASH from -18°C to +40°C	K160ASISCZM0	0,62A to 230Vac 12A to 12Vdc	4A for 230Vac 25A for 12Vdc			
Koala 160 ASH from -25°C to +40°C	K160ASISBZM0	0,62A to 230Vac 12A to 12Vdc	4A for 230Vac 25A for 12Vdc			
Model	Code	Colour	External dim. (mm)	Internal dim. (mm)	Capacity (liters)	Weight (Kg)
Koala 160 AS/ASH		melange grey blue	790x1100xh650	540x660xh450	162	59
ACCESSORIES						
Castors kit	RRI070		diam. 125mm			