



GN 1/2

GN 1/3



## 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°.
- Suitable for shoulders with 1/2 + 1/3 Gastronorm containers.
- 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.
- Easy to transport by car and easy to handle thanks to the dimensions and weight content.
- 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.

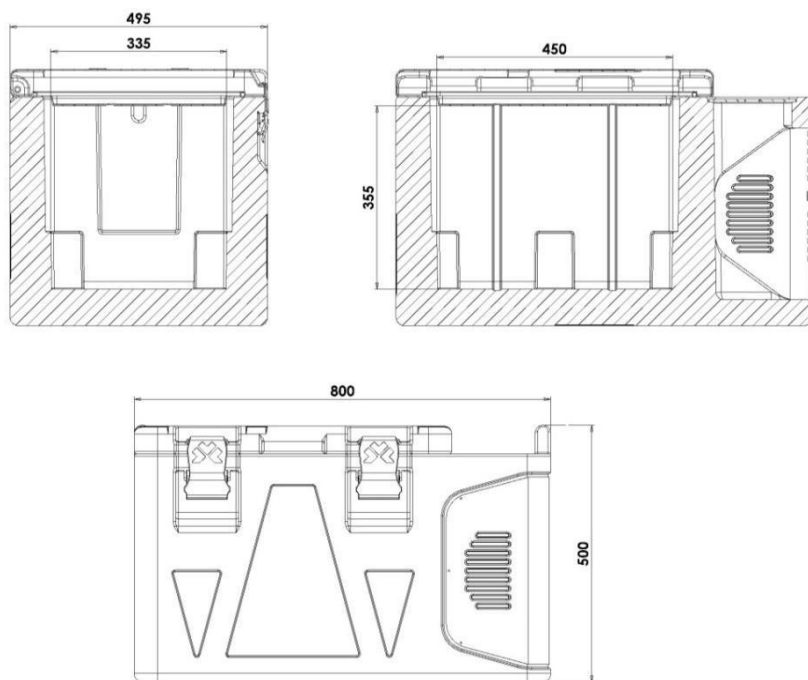
### MANUFACTURING MATERIALS

<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>Silicone</b>	seal	<b>Polyamide and fiberglass</b>	clasp
<b>Aluminum</b>	carter, control panel	<b>Stainless steel</b>	gripping handles

## TECHNICAL CHARACTERISTICS

<b>AS version</b>	<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>	<b>ASH version</b>	<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>
<b>+/- 0,5 °C</b>	Degree of accuracy in temperature adjustment: <ul style="list-style-type: none"> <li>• +/-0,5 °C.</li> </ul>		Protection against voltage drops of the vehicle battery, in case of falling below of the limit value of <b>11V</b> .
	Equipped with three cables:  for power supply to <b>230Vac 50-60Hz</b>		For power supply to <b>12Vdc</b> <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>
	Hermetic compressor with electronic control unit for adjustment and control equipped with overvoltage protections	<b>GAS</b>	Coolant gas: <ul style="list-style-type: none"> <li>• <b>R134a</b></li> </ul>
	Cooling unit performance guaranteed for use at ambient temperature: <ul style="list-style-type: none"> <li>• <b>From +10°C to +32°C</b></li> </ul>		Container (insulated case) guaranteed for use: <ul style="list-style-type: none"> <li>• <b>from -30° to +100°C</b></li> </ul>
	Adjustment and control of the temperature with programmable digital thermostat		Cooling unit equipped with a "roll-bond" static evaporator
	Seal of the lid can be removed easily		Integrated stainless steel handles
	Hinges integrated in the container		Melform hook closure in shockproof material
	Evaporator protection internal grid made of plasticised metal wire		Mono-block structure, no sharp edges, joints and welds
	Available (on request) USB datalogger to record temperature data during transport		Insulated with CFC and HCFC-free polyurethane foam

## TECHNICAL SPECIFICATIONS



Model	Code	Nominal absorption		Fuses		
AS VERSION						
Koala 50 AS from 0°C to +10°C	K50ASISDYM0	0,35A to 230Vac 7A to 12Vdc		4A for 230Vac 15A for 12Vdc		
Koala 50 AS from -18°C to +10°C	K50ASISCYM0	0,62A to 230Vac 12A to 12Vdc		4A for 230Vac 25A for 12Vdc		
Koala 50 AS from -25°C to +10°C	K50ASISBYM0	0,62A to 230Vac 12A to 12Vdc		4A for 230Vac 25A for 12Vdc		
ASH VERSION (with heating kit)						
Koala 50 ASH from 0°C to +40°C	K50ASISDZM0	0,35A to 230Vac 7A to 12Vdc		4A for 230Vac 15A for 12Vdc		
Koala 50 ASH from -18°C to +40°C	K50ASISCZM0	0,62A to 230Vac 12A to 12Vdc		4A for 230Vac 25A for 12Vdc		
Koala 50 ASH from -25°C to +40°C	K50ASISBZM0	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 50 AS/ASH		melange grey blue	495x800xh500	335x450xh355	53	26