



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

- Available in versions:
 - AS: temperature adjustment range: from -30°C to +10°C;
 - ASH: with heating kit and temperature adjustment range: from -30°C to +40°.
- Ideal to transport trays of homemade ice cream (carries up to 9 trays).
- Suitable for Gastronorm GN 1/1 pans and submultiples.
- 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 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.

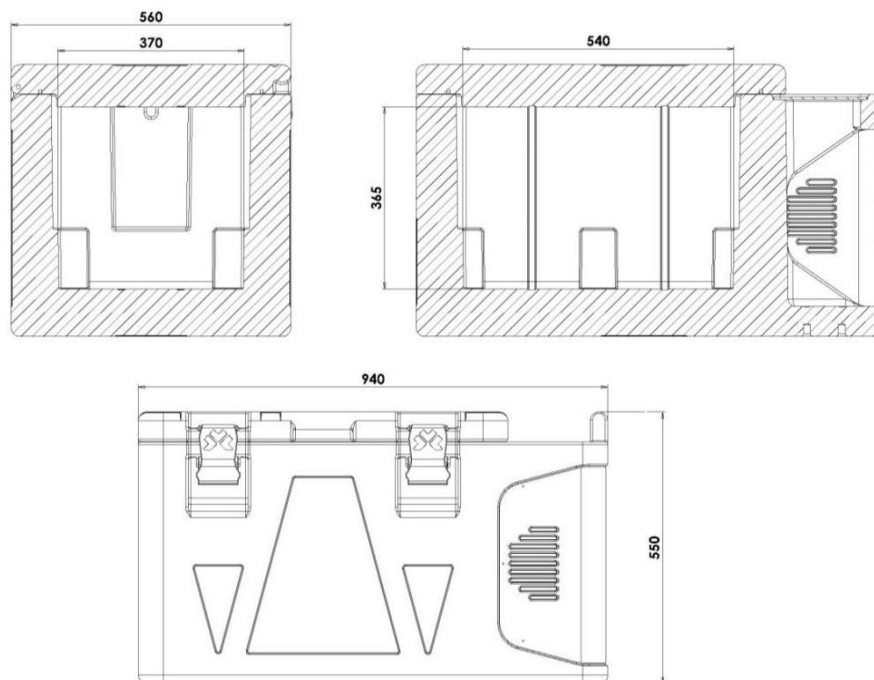
MANUFACTURING MATERIALS

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	Polyamide and fiberglass	hinges
Aluminum	cooling unit frame, control panel	Stainless steel	grip handles

TECHNICAL CHARACTERISTICS

<p>AS version</p>	<ul style="list-style-type: none"> • from 0°C to +10°C • from -18°C to +10°C • from -25°C to +10°C • from -30°C to +10°C 	<p>ASH version</p>	<ul style="list-style-type: none"> • from 0°C to +40°C • from -18°C to +40°C • from -25°C to +40°C • from -30°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 11V</p>
	<p>Equipped with three cables:</p> <p>for power supply to 230Vac 50-60Hz</p>		<p>For power supply to 12Vdc</p> <ul style="list-style-type: none"> • with Anderson connectors
	<p>For power supply to 12Vdc</p> <ul style="list-style-type: none"> • with Anderson terminal for connection to the Koala and with cigarette lighter plug on the other end of the cable • with Anderson terminal for connection to the Koala and fork terminals for connection to the battery of the vehicle <p>(depending on the versions, see table in technical data for detailed information)</p>		<ul style="list-style-type: none"> • Cooling unit performance guaranteed for use at ambient temperature: from +10°C to +32°C • Container (insulated case) guaranteed for use: from -30° to +100°C
<p>GAS</p>	<p>Coolant gas:</p> <ul style="list-style-type: none"> • R134a (versions 0°C +10/+40°C; -18°C +10/+40°C; -25°C +10/+40°C) • R452A (version -30°C +10/+40°C) 		<p>Hermetic compressor with electronic control unit for adjustment and control equipped with overvoltage protection</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>Available (on request) USB datalogger to record temperature data during transport</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>Seal of the lid can be removed easily</p>		<p>Insulated with CFC and HCFC-free polyurethane foam</p>

TECHNICAL SPECIFICATIONS



Model	Code	12V Power supply Fork terminal	12V Power supply Cigarette lighter socket	Nominal absorption	Fuses
AS VERSION					
Koala 80 AS from 0°C to +10°C	K80ASISDYM0		✓	0,35A to 230Vac 7A to 12Vdc	4A for 230Vac 15A for 12Vdc
Koala 80 AS from -18°C to +10°C	K80ASISCYM0		✓	0,62A to 230Vac 12A to 12Vdc	4A for 230Vac 25A for 12Vdc
Koala 80 AS from -25°C to +10°C	K80ASISBYM0		✓	0,62A to 230Vac 12A to 12Vdc	4A for 230Vac 25A for 12Vdc
Koala 80 AS from -30°C to +10°C	K80ASISAYM0	✓		1A to 230Vac 18A to 12Vdc	4A for 230Vac 30A for 12Vdc
ASH VERSION (with heating kit)					
Koala 80 ASH from 0°C to +40°C	K80ASISDZM0		✓	0,35A to 230Vac 7A to 12Vdc	4A for 230Vac 15A for 12Vdc
Koala 80 ASH from -18°C to +40°C	K80ASISCZM0		✓	0,62A to 230Vac 12A to 12Vdc	4A for 230Vac 25A for 12Vdc
Koala 80 ASH from -25°C to +40°C	K80ASISBZM0		✓	0,62A to 230Vac 12A to 12Vdc	4A for 230Vac 25A for 12Vdc
Koala 80 ASH from -30°C to +40°C	K80ASISAZM0	✓		1A to 230Vac 18A to 12Vdc	4A for 230Vac 30A for 12Vdc

Model	Code	Colour	External dim. (mm)	Internal dim. (mm)	Capacity (liters)	Weight (Kg)
Koala 80 AS/ASH		melange grey blue	560x940xh550	370x540xh365	73	34

