

# Koala 32 AF



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

- Available in versions:
  - AF: temperature adjustment range: from -30°C to +10°C;
  - AFH: with heating kit and temperature adjustment range: from -30°C to +40°.
- Insulation offered by container walls (particularly thick), 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 internal 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 internal 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.
- 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.

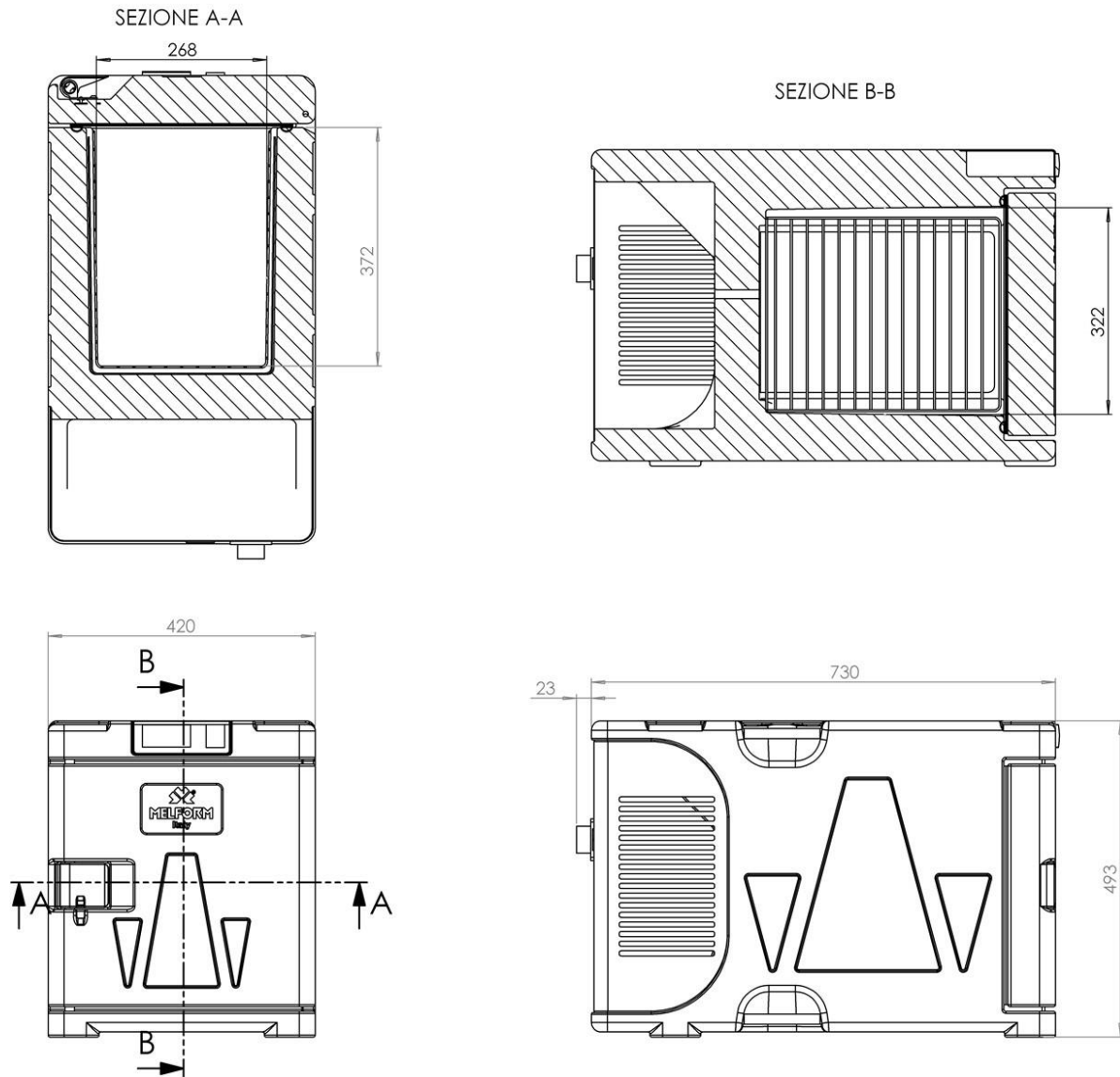
### MANUFACTURING MATERIALS

<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>Stainless steel</b>	handle and closing hooks, grip handles
<b>Aluminum</b>	carter, control panel		

## 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> <li>• from -25°C to +10°C</li> <li>• from -30°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> <li>• from -25°C to +40°C</li> <li>• from -30°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 two cables:</p> <ul style="list-style-type: none"> <li>• for power supply to <b>230Vac 50-60Hz</b>.</li> </ul>		<p>For power supply to <b>12vdc</b></p> <ul style="list-style-type: none"> <li>• with Anderson terminals</li> </ul>
	<p>for power supply to 12vdc</p> <ul style="list-style-type: none"> <li>• with Anderson terminal to KOALA and cigarette lighter plug</li> <li>• with Anderson terminal to KOALA and fork terminal for connection to vehicle battery (depending on the version, see table in technical data for detailed information)</li> </ul>		<ul style="list-style-type: none"> <li>• Cooling unit performance guaranteed for use at ambient temperature: <b>from +10°C a +32°C</b></li> <li>• Container (insulated case) guaranteed for use: <b>from -30° to +100°C</b></li> </ul>
<p><b>GAS</b></p>	<p>Coolant gas:</p> <ul style="list-style-type: none"> <li>• <b>R134a</b> (version 0°C +10/+40°C; -18°C +10/+40°C; -25°C +10/+40°C)</li> <li>• <b>R452A</b> (version -30°C +10/+40°C).</li> </ul>		<p>Cooling unit equipped with a "roll-bond" static evaporator.</p>
	<p>Adjustment and control of the temperature with programmable digital thermostat</p>		<p>Hermetic compressor with electronic control unit for adjustment and control equipped with overvoltage protection</p>
	<p>Hinges integrated in the container</p>		<p>Adjustable vent valve</p>
	<p>Stainless steel grip handles integrated into the body</p>		<p>Practical and resistant closing system</p>
	<p>Evaporator protection internal grid made of plasticised metal wire</p>		<p>Monobloc structure, without edges, joints and welding</p>
	<p>Door seal gasket fixed with stainless steel points</p>		<p>Stainless steel locking kit available for fixing between them two stacked containers (height 2 KOALA stacked: 980mm)</p>
	<p>Available (on request) USB datalogger to record temperature data during transport</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
<b>AF VERSION</b>					
Koala 32 AF from 0°C to +10°C	K32AFISDYM0		✓	<b>0,35A</b> to 230Vac <b>7A</b> to 12Vdc	<b>4A</b> for 230Vac <b>15A</b> for 12Vdc
Koala 32 AF from -18°C to +10°C	K32AFISCYM0		✓	<b>0,62A</b> to 230Vac <b>12A</b> to 12Vdc	<b>4A</b> for 230Vac <b>25A</b> for 12Vdc
Koala 32 AF from -25°C to +10°C	K32AFISBYM0		✓	<b>0,62A</b> to 230Vac <b>12A</b> to 12Vdc	<b>4A</b> for 230Vac <b>25A</b> for 12Vdc
Koala 32 AF from -30°C a +10°C	K32AFISAYM0	✓		<b>1A</b> to 230Vac <b>18A</b> to 12Vdc	<b>4A</b> for 230Vac <b>30A</b> for 12Vdc

Model	Code	12V power supply Fork terminal	12V power supply Cigarette lighter socket	Nominal absorption	Fuses	
<b>AFH VERSION AFH (with heating kit)</b>						
Koala 32 AFH from 0°C to +40°C	K32AFISDZM0		✓	<b>0,35A</b> to 230Vac <b>7A</b> to 12Vdc	<b>4A</b> for 230Vac <b>15A</b> for 12Vdc	
Koala 32 AFH from -18°C to +40°C	K32AFISCZM0		✓	<b>0,62A</b> to 230Vac <b>12A</b> to 12Vdc	<b>4A</b> for 230Vac <b>25A</b> for 12Vdc	
Koala 32 AFH from -25°C to +40°C	K32AFISBZM0		✓	<b>0,62A</b> to 230Vac <b>12A</b> to 12Vdc	<b>4A</b> for 230Vac <b>25A</b> for 12Vdc	
Koala 32 AFH from -30°C to +40°C	K32AFISAZM0	✓		<b>1A</b> to 230Vac <b>18A</b> to 12Vdc	<b>4A</b> for 230Vac <b>30A</b> for 12Vdc	
Model	Code	Colour	External dim. (mm)	Internal dim. (mm)	Capacity (liters)	Weight (Kg)
Koala 32 AF/AFH		melange grey blue	420x753xh493	268x372xh322	32	30
<b>ACCESSORIES</b>						
Locking kit 2 closures	RRI137					1,2



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Koala32\_front\_opening\_portable\_refrigerator\_Rev2\_GB