

# Koala 150 biomedical refrigerated container

Temperature adjustment range: 0°C to +40°C.

## PRODUCT TYPE

Portable refrigerator, featuring a capacity of 150 litres.

## SUITABLE FOR

Operators working in the biomedical industry, analysis laboratories, pharmaceutical manufacturers and distributors.

## INTENDED USE

For the transport and storage under controlled temperature conditions of laboratory samples for clinical testing and environmental analysis, vaccines, pharmaceuticals, chemotherapy products, blood and blood products, organs.



## ADVANTAGES AND BENEFITS

- It keeps the content (warm or chilled) at a constant temperature ranging between 0°C and +40°C, with an external temperature of +30°C.
- The heating unit is triggered when external temperature is lower than the one set for the content. This allows to maintain a constant temperature even in case of very low external temperatures.
- The refrigerating unit is triggered when external temperature is higher than the one set for the content. This allows to maintain a constant temperature even in case of very high external temperatures.
- It preserves the chemical and physical characteristics of products during transport.
- It can be transported using traditional vehicles: it allows to simultaneously transport frozen, chilled and ambient temperature products using a single non-insulated vehicle.
- The container's isothermal characteristics comply with ATP (Accord Transport Périssables), the international treaty regulating the characteristics of the vehicles suitable for the road transport of perishable products, and defining the procedures to be followed for their type approval.
- The certificate from ATP stating the equipment has been type-approved as belonging to the FNAX class (Normal A-class refrigerator, removable) is available upon request.
- Equipped with a very low-consumption cooling unit.
- Easy and accurate temperature control, thanks to the programmable digital thermostat.
- Double power supply: during transport it can be connected to the vehicle's cigarette lighter socket; after reaching the intended destination, it can be connected to the mains power supply.
- Cooling unit designed to withstand the mechanical stresses resulting from transport.
- High capacity, multifunctional container: using the bracket and runners system, it is possible to transport GN pans, EN trays, pastry sheets and containers 600 x 400 mm.
- Handling trolleys for Koala 150, practical and sturdy, are available, upon request.
- One-piece moulding: perfectly tight, shockproof and without any sharp edges, joints or welds.
- The unit's design criteria allow to properly perform the cleaning and disinfecting operations (EC Reg. 852/2004 -HACCP-).
- It allows to properly operate in HACCP environment (EC Reg. 852/2004).
- Environmental impact decidedly smaller than that of less durable containers.
- Fully recyclable at the end of the operating life.

## TECHNICAL CHARACTERISTICS

- Manufactured using the rotational moulding technology, allowing production of very sturdy objects without sharp edges, joints or welds, whilst assuring highly efficient temperature retention.
- Container insulated with CFC- and HCFC-free polyurethane foam.
- Container (isothermal box) guaranteed for use at temperatures ranging between -30° and +100°C.
- Cooling unit performances guaranteed at operating ambient temperatures up to +30°C.
- Supply voltage: 12 V d.c. or 100 / 240 V a.c. - 50 / 60 Hz.
- Rated input current:
  - 8 A at 12 V d.c.;
  - 0.42 A at 230 V a.c..
- Equipped with two non-interchangeable power supply cables, one for connection to the normal 230V a.c. mains current, the other equipped with cigarette lighter plug.
- 15 A protection fuse for 12 V d.c.; 4 A protection fuse for 230 V a.c..
- Protection against excessive vehicle battery voltage drop, thanks to the automatic disconnection of the refrigerating unit power supply, should the battery voltage drop below 11V.
- Temperature control and adjustment by means of a programmable digital thermostat.
- Degree of accuracy in temperature control: +/-0.5 °C.
- It features a practical and effective fastening system, consisting of two catches made of shockproof material and of an easily removable door gasket.
- Equipped with integrated stainless steel handles, comfortable, safe and extremely functional.
- Equipped with hinges made of shockproof material, featuring high resistance to stresses.
- Equipped with a door that can be opened up to 240°, easily removable, for easier washing.
- Equipped with an adjustable venting valve.
- Sealed compressor with electronic adjustment and control unit equipped with a protection against current surges.
- Refrigerating gas: R134a.

## AVAILABILITY

Model	Colour	Code	External dim. (mm)	Internal dim. (mm)	Capacity l	Weight Kg
<b>Koala 150</b> rear cooling unit, static	grey blue melange	A1509040	570x950x725 h	430x650x530 h	148	37
Stainless steel brackets	stainless steel	ABA250				
Pair of runners	stainless steel	ABA302				
Polyethylene Koala 150 Trolley	grey blue melange	THS30006	625x845x210 h			7
Zinc coated Koala 150 Trolley	galvanised steel	AIB003	585x625x175 h			8
Stainless steel Koala 150 Trolley	stainless steel	AIA003	585x625x175 h			8
Certificate of ATP approval FNA class		AOD007				