

Refrigerated container KOALA 160

20/01/2025 - Rev.1



Refrigerated container for the transport of temperature-controlled products

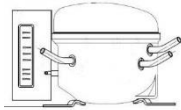
- Brand: MELFORM
- Country of origin: ITALY
- Customs code: 84181080
- Compatible with food contact
- Color: grey/blue
- Dual power supply: 12Vdc and 230Vac
- Technology: rotomoulding
- Warranty: 24 months
- Fully recyclable at the end of its operational life.

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 the lid, CFC and HCFC free
Silicone rubber	gasket	Polyamide and fiberglass	closures
Aluminium	crankcase control panel	Stainless steel	gripping handles

Model	Product code	EAN code	Ext. dim. (mm)	Int. dim (mm)	Capacity (liters)	Weight (kg)
Integrated cooling unit, static	K160ASISDYM0	8022949177546	790x1100xh650	540x660xh450	162	59
	K160ASISBYM0	8022949177935				
	K160ASISDZM0	8022949177706				
	K160ASISBZM0	8022949177386				

FEATURES COOLING UNIT

	The ventilation system ensures greater speed and uniformity of diffusion of cold and heat inside the container		Hermetic compressor with electronic control unit for regulation and control equipped with surge protection
	Guaranteed refrigeration unit performance for ambient T-use: +10°C to +30°C Container (isothermal case) guaranteed for use: -30°C to +100°C		Cables 230Vac 50-60Hz power supply (standard equipment)
	Cables for 12Vdc power supply with Anderson terminals (standard equipment)		Cables for 12Vdc power supply with Anderson terminal on the KOALA side and cigarette lighter plug (standard equipment)
Degree of accuracy: +/-0.5 °C Refrigerant gas: R134a			

PRODUCT FEATURES

	Easily removable lid sealing gasket		Integrated stainless steel gripping handles
	Zipper integrated in the container		Melform closing hooks in shockproof material
	Evaporator protection grid made of plasticized wire		Monobloc structure, without edges, joints and welds
	Wheel kit available on request (n.2 fixed wheels and n.2 swivel wheels with brake d.125mm; rubber tread, polyamide core, galvanized steel support).		Insulation with CFC- and HCFC-free polyurethane foam
	USB datalogger available (on request) to record temperature data during transport		RFID systems for traceability

Model	Product code	Absorption nominal	Fuses
Koala 160 0°C to +10°C	K160ASISDYM0	0.62A at 230Vac 12A at 12Vdc (150 W)	4A for 230Vac 25A for 12Vdc
Koala 160 -25°C to +10°C	K160ASISBYM0	0.62A at 230Vac 12A at 12Vdc (150 W)	4A for 230Vac 25A for 12Vdc
Koala 160 0°C to +40°C	K160ASISDZM0	0.62A at 230Vac 12A at 12Vdc (150 W)	4A for 230Vac 25A for 12Vdc
Koala 160 -25°C to +40°C	K160ASISBZM0	0.62A at 230Vac 12A at 12Vdc (150 W)	4A for 230Vac 25A for 12Vdc

FIXINGS	Amperage	Weight (Kg)	Dim. (mm)	Code
Castors kit				RRI070
Floor/vehicle fixing kit				RRI214
Card holder		0,05	A5	RRI141
Power bank charger 12V for KOALA	100 Ah	22	345x315xh340	ePB100A01
Power bank charger 12V for KOALA	120 Ah	26	345x315xh340	ePB120A01
Power bank charger 12V for KOALA	150 Ah	28	345x315xh340	ePB150A01
USB Data Logger Range -30°C +70°C				AFG007