

Refrigerated container KOALA 90

17/01/2025 - Rev.1

GN 1/1



Refrigerated container for the transport of temperature-controlled products


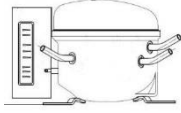




- Brand: MELFORM
- Country of origin: ITALY
- Customs code: 84181080
- Compatible with food contact
- Color: grey/blue
- Dual power supply: 12Vdc and 230Vac
- Technology: rotomoulding
- Warranty: 24 months
- Fully recyclable at the end of its operational life.

MANUFACTURING MATERIALS

Polyethylene	internal and external walls of the container and door; suitable for food contact	Polyurethane	insulating material between the walls of the container and the door, free of CFC and HCFC
Silicone rubber	gasket	Polyamide reinforced with fiberglass	hinges, closures
Galvanized steel	Carter	Stainless steel	gripping handles

Model	Product code	EAN code	Ext. dim. (mm)	Int. dim. (mm)	Capacity (liters)	Weight (kg)
Back cooling unit, static	K90AFDSDYM0 K90AFDSDZM0	8022949177300 8022949177171	440x830xh650	330x533xh505	90	27
Top cooling unit, static	K90AFTSDYM0 K90AFTSDZM0	8022949177805 8022949177980	440x665xh815	330x533xh505	90	27

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 body) 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

	Door sealing system easily removable		Equipped with 12 seats with 4 cm pitch. It can carry: <ul style="list-style-type: none"> • 2 GN1/1 H200 • 3 GN1/1 H150 • 4 GN1/1 H100 • 6 GN1/1 H65
	Equipped with a door that can be opened up to 240° and easily removable, to facilitate washing operations		Integrated stainless steel gripping handles
	Melform closing hook in shockproof material		Equipped with hinges made of shockproof and stress-resistant material
	Equipped with adjustable vent		Monobloc structure, without edges, joints and welds
	Insulation with CFC- and HCFC-free polyurethane foam		Trolley: <ul style="list-style-type: none"> • capacity 150 Kg • 4 wheels siam. 125mm non-marking rubber and PP core • 2 fixed wheels • 2 swivel wheels, 1 of which with brake.
	USB datalogger available (on request) to record temperature data during transport		RFID systems for traceability

Model	Product code	Absorption nominal	Fuses
Koala 90 Back cooling unit, static 0°C to +10°C	K90AFDSDYM0	0.35A at 230Vac 7A at 12Vdc (85 W)	4A for 230Vac 15A for 12Vdc
Koala 90 Top cooling unit, static 0°C to +10°C	K90AFTSDYM0	0.35A at 230Vac 7A at 12Vdc (85 W)	4A for 230Vac 15A for 12Vdc
Koala 90 Back cooling unit, static 0°C to +40°C	K90AFDSDZM0	0.35A at 230Vac 7A at 12Vdc (85 W)	4A for 230Vac 15A for 12Vdc
Koala 90 Top cooling unit, static 0°C to +40°C	K90AFTSDZM0	0.35A at 230Vac 7A at 12Vdc (85 W)	4A for 230Vac 15A for 12Vdc

ACCESSORIES	Amperage	Weight (Kg)	Dim. (mm)	Code
Stainless steel grid GN1/1		1,3	530x325x12	AEA020
Fixing kit on vehicle				RRI144
Fixing kit to the trolley				RRI137
Trolley for Koala 90		6,4	505x685xh205	THS20009
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
Card holder		0,05	A5	RRI141

