



KOALA 370



**REFRIGERATED CONTAINER FOR THE
TRANSPORT OF TEMPERATURE-
CONTROLLED PRODUCTS**



www.melform.com



KOALA 370

- 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.
- ATP certified according to model
- Available in version on wheels, pallets & feet

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.

STAINLESS STEEL: handling handles, locking handle, inner rod of the door.

SILICONE RUBBER: gasket.

GALVANIZED STEEL: cooling unit frame, hinge rods, plates connecting rods hinge, castors support.

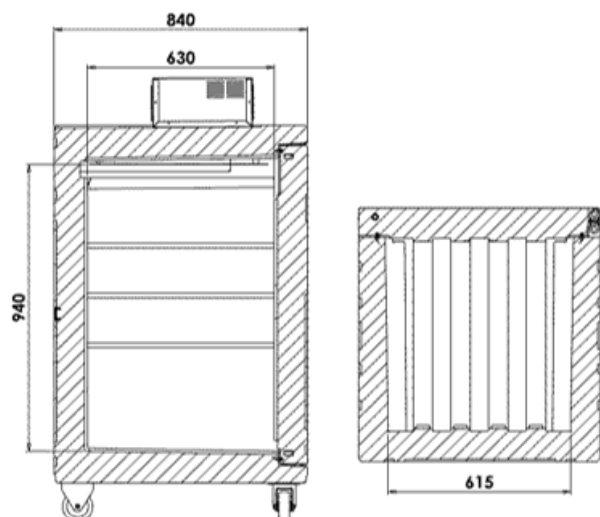
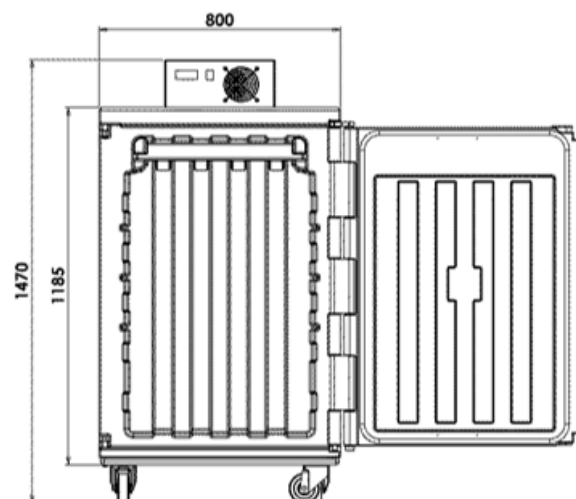
RUBBER AND POLYAMIDE: castors (rubber tread and polyamide core).

POLYPROPYLENE: hinges.

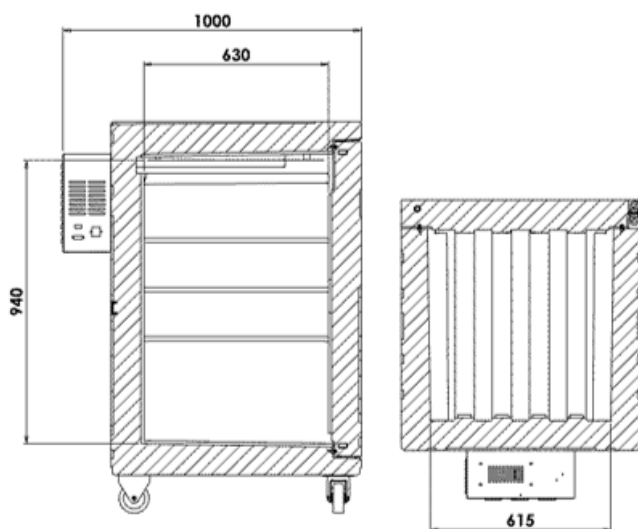
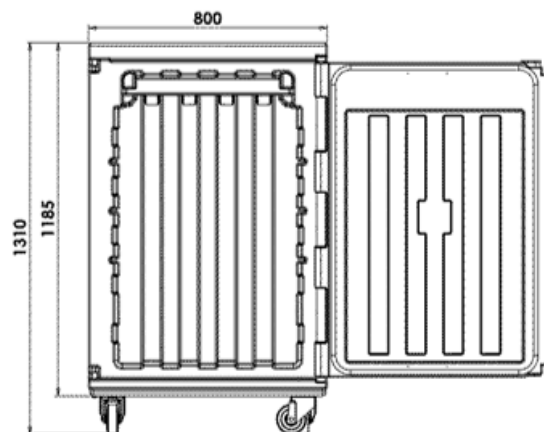
AVAILABLE MODELS

MODEL	SKU	EAN Code	DIM. EXT. (MM)	DIM. INT. (MM)	CAPACITY (L)	WEIGHT (KG)
Top cooling unit, positive, static	K370AFTSDYM1 K370AFTSDZM1	8022949178093 8022949178154	800x840xh1470	615x630xh940	370	83
Back cooling unit, positive, static	K370AFDSDYM1 K370AFDSDZM1	8022949178123 8022949177362	800x1000xh1310	615x630xh940	370	85
Top cooling unit, positive, ventilated	K370AFTVDYM1 K370AFTVDZM1	8022949178116 8022949177102	800x840xh1530	615x630xh940	370	95
Back cooling unit, positive, ventilated	K370AFDVDYM1 K370AFDVDZM1	8022949177775 8022949177614	800x1090xh1310	615x630xh940	370	95
Top cooling unit, negative, ventilated	K370AFTVCYM1 K370AFTVCZM1	8022949177287 8022949178062	800x840xh1530	615x630xh940	325	95

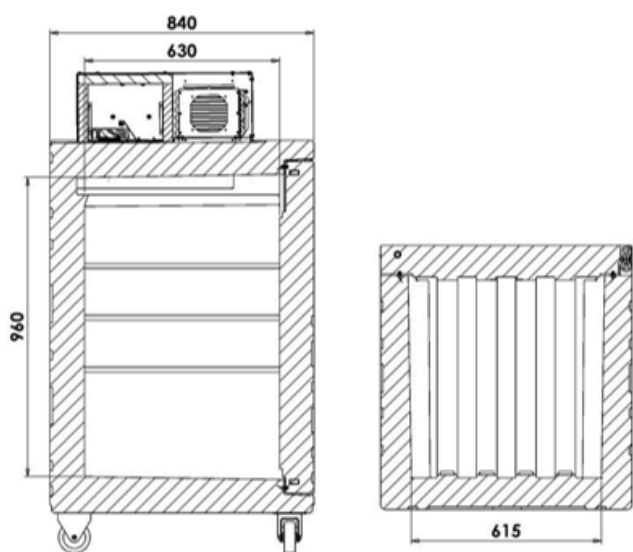
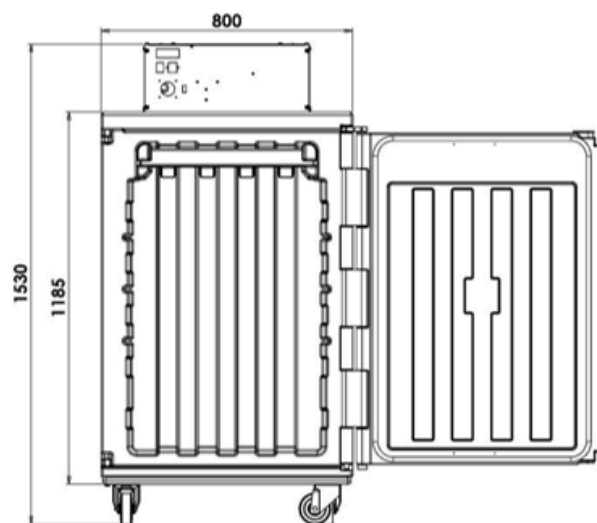
DIMENSIONAL DRAWING



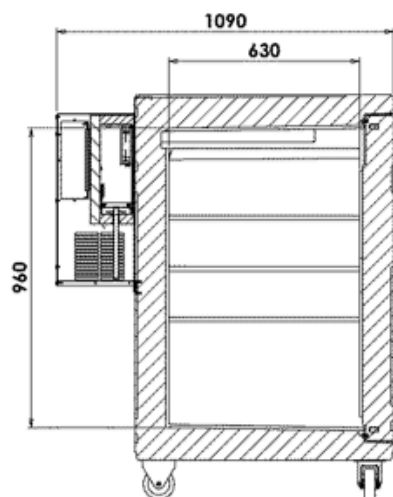
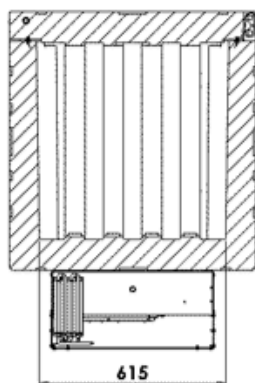
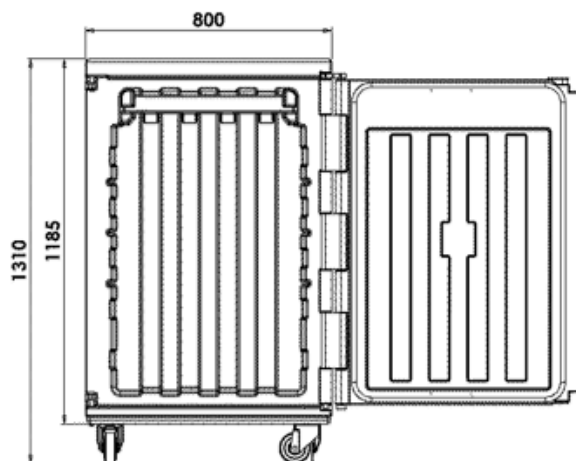
Top cooling unit, positive, static
cod.: K370AFTSDYM1, K370AFTSDZM1



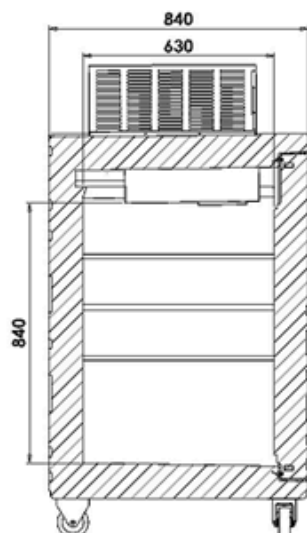
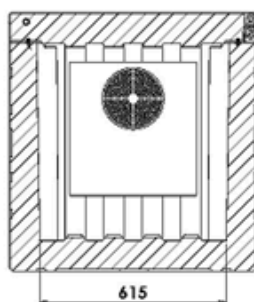
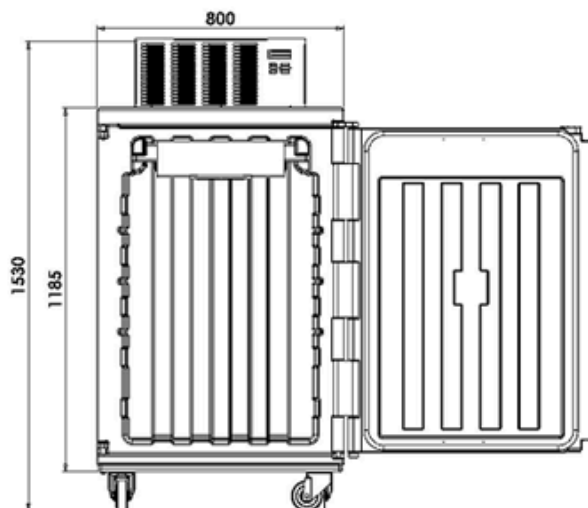
Back cooling unit, positive, static
cod.: K370AFDSDYM1, K370AFDSDZM1



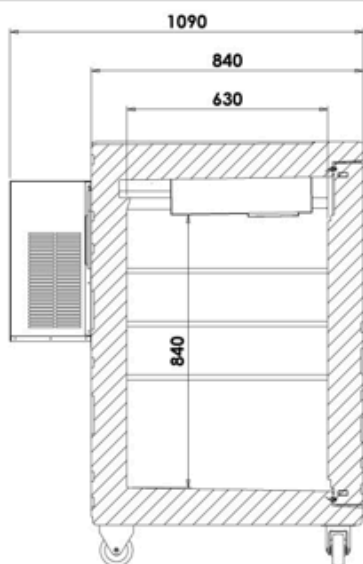
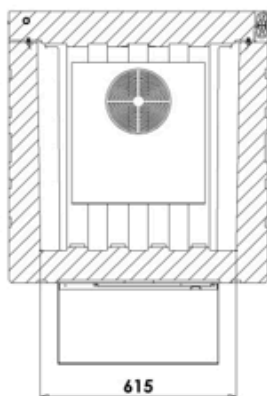
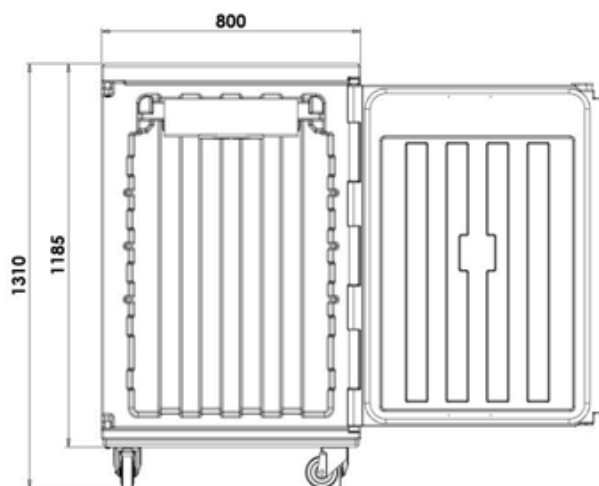
Top cooling unit, positive, ventilated
cod.: K370AFTVDYM1, K370AFTVDZM1



Back cooling unit, positive, ventilated
cod.: K370AFDVDYM1, K370AFDVDZM1



Top cooling unit, negative, ventilated
cod.: K370AFTVCYM1, K370AFTVCZM1



Back cooling unit, negative, ventilated
cod.: K370AFDV CYM1, K370AFDV CZM1

FEATURES COOLING UNIT



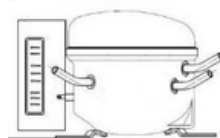
Static cooling unit version
equipped with "roll-bond" type
static evaporator



Ventilated version for greater
speed of achievement and
uniformity of temperature
inside the container



Guaranteed refrigeration unit
performance for ambient T- use:
+10°C to +30°C
Container (isothermal case)
guaranteed for use:
-30°C to +100°C



Hermetic compressor with
electronic control unit for
regulation and control equipped
with surge protection



Cables for **12Vdc** power supply with
Anderson terminals
(standard equipment)



Cables for power supply at
230Vac 50-60Hz
(standard equipment)



Cables for **12Vdc** power supply with
Anderson terminal on the KOALA
side and fork terminal for
connection to the vehicle battery
(present depending on the model)



Cables for **12Vdc** power supply
with Anderson terminal on the
KOALA side and cigarette lighter
plug
(present depending on the model)

Degree of accuracy: +/-0.5°C

Refrigerant gas: R134a (version 0°C +10/+40°C)

Global coefficient of thermal transmission: K=0.32 W/m2K

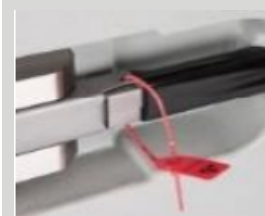
PRODUCT FEATURES



3 seats for housing of grids positioned to 335/500/665mm from the bottom of the container.



Door opening up to 270° with door retaining catch.



Stainless steel locking handle with release button; it is prepared for the use of tamper-proof system.



Stainless steel rod with 2 hooks integrated inside the door.



Easily removable door gasket



Adjustment and control of the temperature with programmable digital thermostat.



USB datalogger available (on request) to record temperature data during transport



RFID systems for traceability

ATP

KOALA refrigerated containers are type-approved by the Italian Ministry of Transport in accordance with ATP regulations. For type-approved models, it is possible to request the issuance of the International ATP Certificate for the individual serial number from the Ministry of Transport.

AVAILABLE MODELS

MODEL	SKU	12V SUPPLY FORK TERMINAL	12V SUPPLY CIGARETTE LIGHTER PLUG	ABSORPTION NOMINAL	FUSES
Koala 370 Top cooling unit, static from 0°C to +10°C	K370AFTSDYM1		✓	0,62A at 230Vac 12A at 12Vdc (150 W)	4A for 230Vac 25A for 12Vdc
Koala 370 Back cooling unit, static from 0°C to +10°C	K370AFDSDYM1		✓	0,62A at 230Vac 12A at 12Vdc (150 W)	4A for 230Vac 25A for 12Vdc
Koala 370 Top cooling unit, ventilated from 0°C to +10°C	K370AFTVDYM1	✓		0,62A at 230Vac 12A at 12Vdc (150 W)	4A for 230Vac 25A for 12Vdc
Koala 370 Back cooling unit, ventilated from 0°C to +10°C	K370AFDVDYM1	✓		0,62A at 230Vac 12A at 12Vdc (150 W)	4A for 230Vac 25A for 12Vdc
Koala 370 Top cooling unit, ventilated from -18°C to +10°C	K370AFTVCYM1	✓		1A a 230Vac 25A a 12Vdc (300 W)	4A for 230Vac 30A for 12Vdc
Koala 370 Back cooling unit, ventilated from -18°C to +10°C	K370AFDVCYM1	✓		1A a 230Vac 25A a 12Vdc (300 W)	4A for 230Vac 30A for 12Vdc
Koala 370 Top cooling unit, static from 0°C to +40°C	K370AFTSDZM1		✓	0,62A at 230Vac 12A at 12Vdc (150 W)	4A for 230Vac 25A for 12Vdc
Koala 370 Back cooling unit, static from 0°C to +40°C	K370AFDSDZM1		✓	0,62A at 230Vac 12A at 12Vdc (150 W)	4A for 230Vac 25A for 12Vdc
Koala 370 Top cooling unit, ventilated from 0°C to +40°C	K370AFTVDZM1	✓		0,62A at 230Vac 12A at 12Vdc (150 W)	4A for 230Vac 25A for 12Vdc
Koala 370 Back cooling unit, ventilated from 0°C to +40°C	K370AFDVDZM1	✓		0,62A at 230Vac 12A at 12Vdc (150 W)	4A for 230Vac 15A for 12Vdc
Koala 370 Top cooling unit, ventilated from -18°C to +40°C	K370AFTVCZM1	✓		1A at 230Vac 25A at 12Vdc (300 W)	4A per 230Vac 30A per 12Vdc
Koala 370 Back cooling unit, ventilated from -18°C to +40°C	K370AFDVCZM1	✓		1A at 230Vac 25A at 12Vdc (300 W)	4A for 230Vac 30A for 12Vdc

ACCESSORIES

ACCESSORIES	SKU	AMPERAGE	WEIGHT (KG)	DIM. (MM)
Stainless steel grid	AEA018		3,8	650x610xh16
Floor/vehicle fixing kit (for basic version)	RRI222			
Power bank charger 12V for KOALA	ePB100A01	100 Ah	22	345x315xh340
Power bank charger 12V for KOALA	ePB120A01	120 Ah	26	345x315xh340
Power bank charger 12V for KOALA	ePB150A01	150 Ah	28	345x315xh340
USB Data Logger Range -30°C +70°C	AFG007			
Card holder	RRI141			A5