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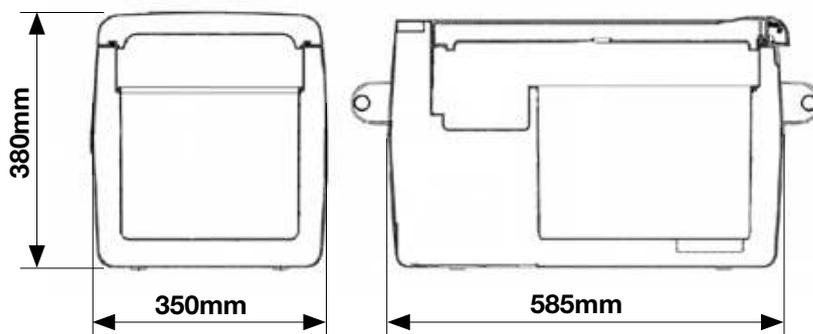
TB31-41-45A-51-55A

**ISTRUZIONI PER L'USO
INSTRUCTIONS FOR USE
INSTRUCCIONES DE USO
INSTRUCTIONS D'UTILISATION
BEDIENUNGSANLEITUNG**

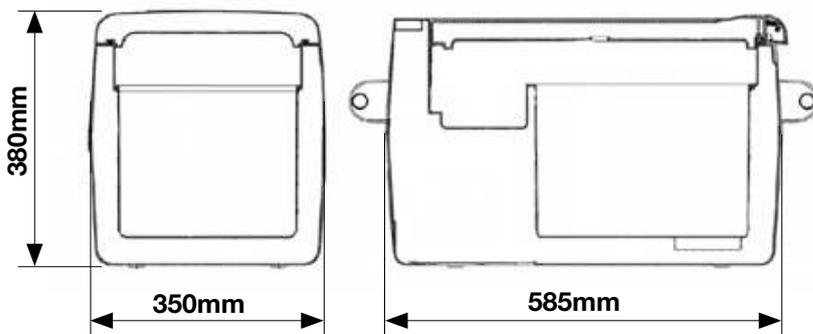
ENGLISH

Please read these instructions and the Safety section carefully before using your refrigerator.

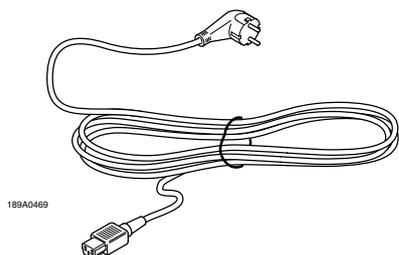
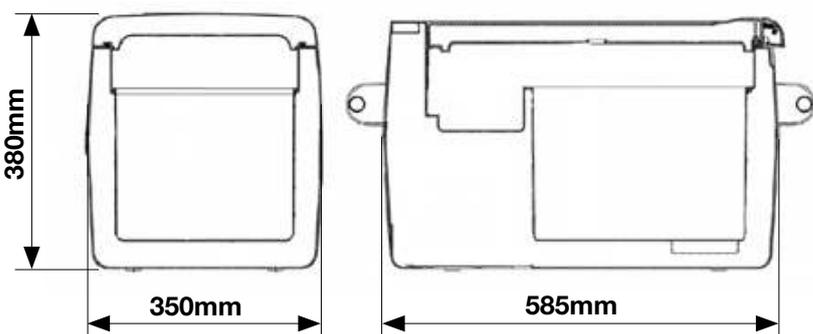
TB31



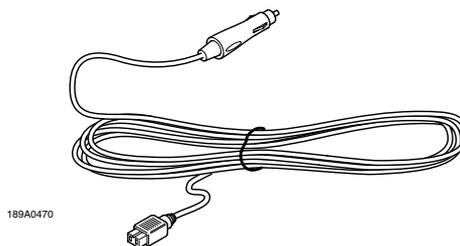
TB41



TB51

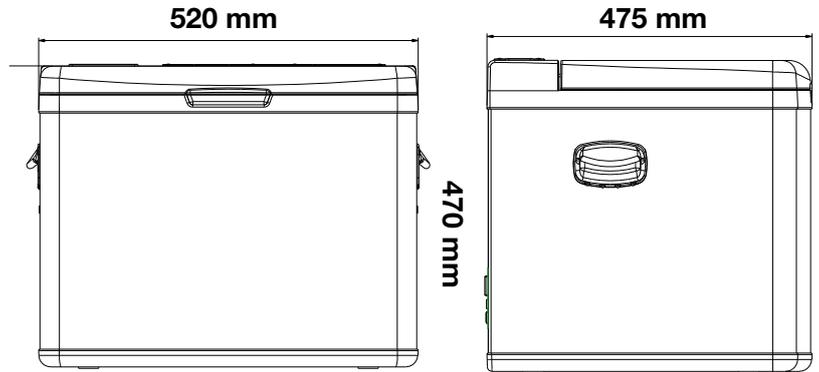


AC CONNECTION CABLE



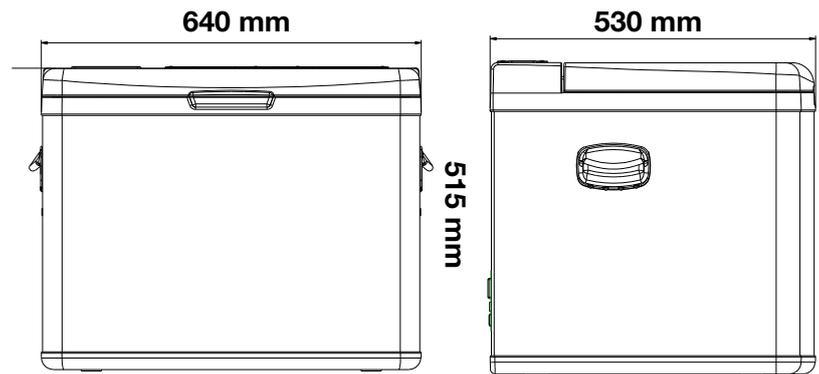
DC CONNECTION CABLE

TB45A

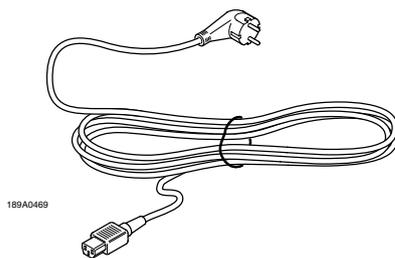


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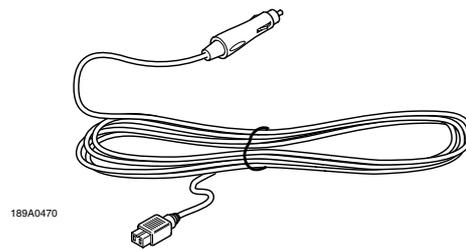
TB55A



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AC CONNECTION CABLE



DC CONNECTION CABLE

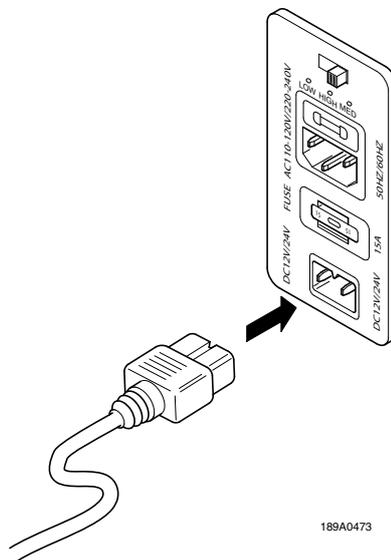
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MODEL	TECHNICAL FEATURES				
	Dimensions HxLxP (mm)	Net weight	Product class	Voltage	Cooling gas
TB31	380 x 585 x 350	16 Kg	30 L	DC 12-24V & AC 110-240V	R134a
TB41	445 x 585 x 350	17 Kg	40 L	DC 12-24V & AC 110-240V	R134a
TB45A	470 x 520 x 475	19 Kg	45 L	DC 12-24V & AC 110-240V	R134a
TB51	530 x 585 x 350	18,5 Kg	50 L	DC 12-24V & AC 110-240V	R134a
TB55A	515 x 640 x 530	22,5 Kg	55 L	DC 12-24V & AC 110-240V	R134a

INSTALLATION

- Place the refrigerator on a dry, sheltered, flat surface and away from any edges. The refrigerator must not be used unsheltered, in the open air or exposed to splashing or rain.
- Your refrigerator requires good ventilation, especially around the back of the refrigerator, allow a gap of at least 15 cm around the sides, back and top. Never use your refrigerator in the boot of a car or against.
- Do not install the refrigerator near heat sources, sunlight.
- To fix it inside the car and to avoid damages during transport, we suggest to secure the fridge trough metal brackets placed on the sides
- Avoid introducing liquids or ice not inserted in containers
- Do not put hot food items into the refrigerator.

USING THE REFRIGERATOR IN A VEHICLE

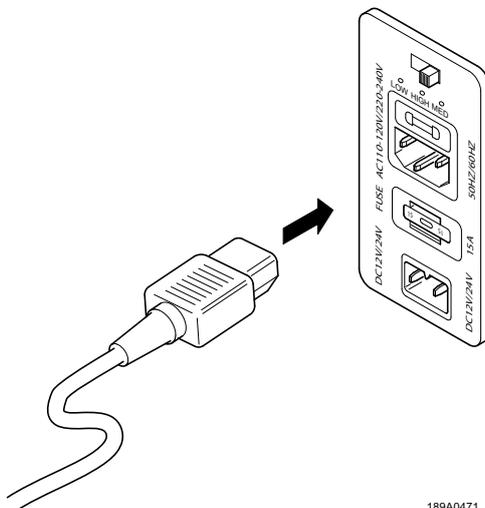


- Connect the feeding cable to a direct current 12 or 24 V DC power source.
- Make sure the polarity is right.
- The supply line is protected by a 15 A fuse located on the box.
- If connected to an existing cigarette plug, carefully check up that power supply is sufficient.
- If the supplied power cable is not used, see the table containing the information related to the cable section:

CABLE AREA mm ² (AWG)	MAX CABLE LENGHT METRES (ft)	
	12V	24V
2,5 (AWG 14)	5 (15)	8 (25)
4 (AWG 10)	8 (25)	12 (35)
6 (AWG 8)	12 (35)	12 (35)

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USING THE REFRIGERATOR AT HOME



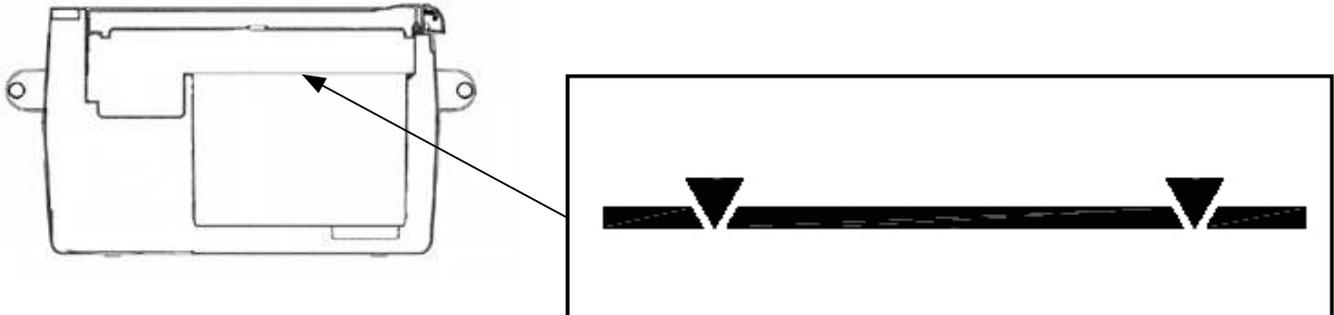
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- This model can be fed equally using 12-24V or mains power (110V - 240V AC).
- It is equipped with 2 sockets to connect the two different cables for DC respectively AC.
- The refrigerator is provided with automatic switch over from one kind of feeding to the other.
- Should both be present at the same time, the device will always set itself on mains power priority feeding by 110V~240V AC.

USING THE REFRIGERATOR AS A FREEZER

TB31-41-51

When using the equipment as freezer, please meet the load limit indicated inside the refrigerator.



ELECTRONIC CONTROL

Compressor station

Functions and features.

This is an electronic device which has the function of piloting the motor of the compressor and carrying out all the controls and electrical protection of the system.

Its main features are as follows:

a) Protection of the battery through automatic turning off of the compressor when the feeding voltage reaches the minimum threshold.

The compressor will start up again automatically when the voltage goes back to normal values.

Note: these values have been measured at control unit input and/or on the DC socket.

Battery protection (SWITCH POSITION)	Cut-out 12V	Cut-in 12V	Cut-out 24V	Cut-in 24V
LOW	9.6	10.9	21.3	22.7
MED	10.1	11.4	22.3	23.7
HIGH	11.1	12.4	24.3	25.7

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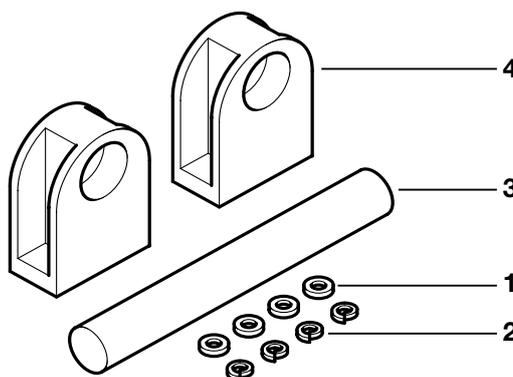
HANDLE INSTALLATION (OPTIONAL)

TB31-41-51

Handle kit

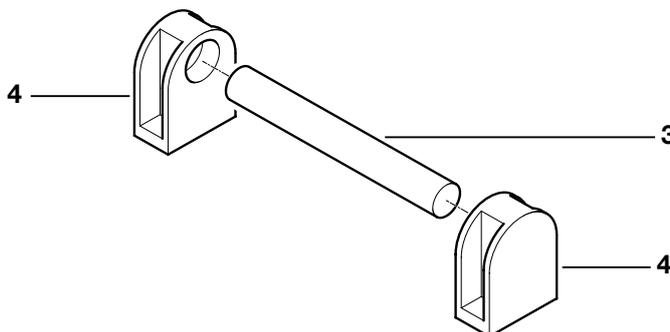
The handle installation kit consists of:

- 1 - washer No. 4 pcs
- 2 - split spring washer No. 4 pcs
- 3 - round tubular component No. 1 pc
- 4 - stand No. 2 pcs



Kit mounting

mount the stands (4) on the circular component (3)



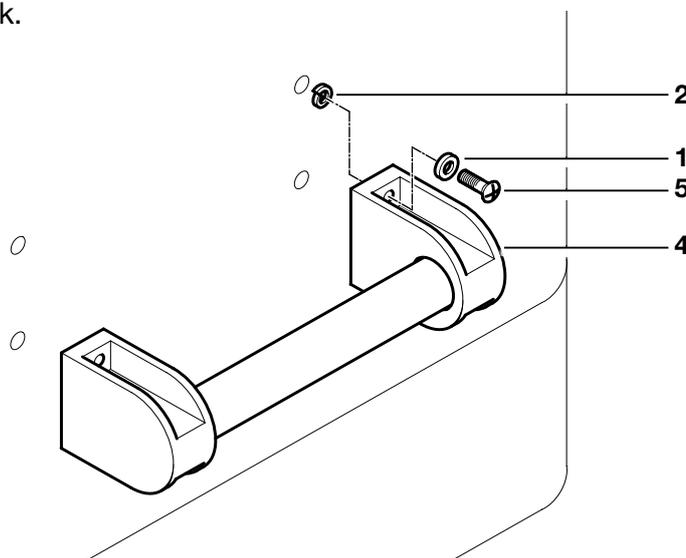
Handle Installation

Remove the screws (5) from the trunk.

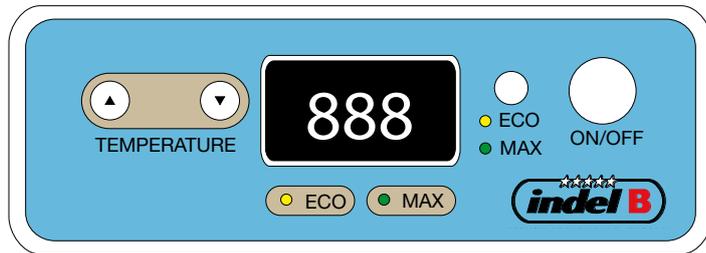
Fit washer (1) to the end of the handle (4).

Insert the screw (5) on the handle (4) and at its end insert the split spring washer (2).

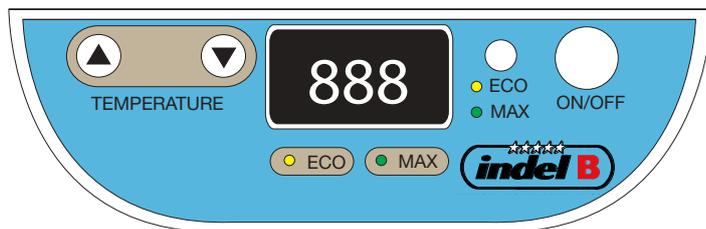
Tighten the screws (5) to the trunk.



USE



TB 45A-55A



TB 31-41-51

- Plug in the DC or AC power. Press the button `ON/OFF` to run the refrigerator. The LED display on the control panel would be lighted and the interior temperature would be displayed.
- Press the button Δ and ∇ to adjust the temperature. Press the button Δ to increase while the button ∇ to decrease the temperature. When press the above two buttons at the same time, it would switch the display between $^{\circ}\text{C}$ and $^{\circ}\text{F}$.
- Press the ECO key to enter the "ECONOMY" operating mode: the ECO light turns on and the compressor runs at minimum speed by keeping a fresh temperature inside the refrigerator. By pressing the ECO key again, the light turns off and the refrigerator enters in MAX mode (mode (maximum number of compressor turns). MAX light will be switched on until having acheved the temperature set.

USEFUL ADVICE

- 1) Use the product in MAX mode in these cases:
 - use of the product as refrigerator and/or freezer with high ambient temperature;
 - when the suitable temperature need to be achieved in few time.
- 2) Use the product in ECO mode in these cases:
 - use of the product as refrigerator and, in particular, with low ambient temperature;
 - when the vehicle is parked for long time (with engine switched off)

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FILLING

Do not put hot food items into the refrigerator. Place the products in such a way as to avoid them hitting against each other or breaking because of the movement of the vehicle.

Make sure that the lid is always well closed and open it for as short a time as possible.

DEFROSTING

Defrosting is needed when the layer of frost is thicker than 4 mm.

To carry out this operation, turn off the refrigerator.

Do not use sharp or cutting tools to remove the layer of frost or ice.

Wait until complete unfreezing and then turn on again.

MAINTENANCE



Before carrying out any maintenance operation on the refrigerator, take the power cable out of its socket.

CLEANING

Clean the inside of the refrigerator regularly, using sodium bicarbonate in lukewarm water.

Never use abrasive products, detergent or soap. After washing, rinse out with clean water and dry carefully.

When not using the device, clean and dry it inside carefully in order to prevent mildew and bad smells.

SUGGESTIONS

Should the device fail to work or work badly, before referring to our after-sales service, make sure that:

- a) the feeding voltage is not missing;
- b) the voltage is the same as the one shown on the plate;
- c) the connections and the polarities are right;
- d) the airing grids are not covered over;
- e) the refrigerator unit is not near any heat source;
- f) the fuse of the feeding line is not blown.



The power supply cable must be replaced only by qualified technical personnel and in any case by an after sales service authorised by the Manufacturer..

Indel B is not liable in any way if you do not comply strictly with all the provisions in this manual.

“This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.