

PHILIPS

Thermal box

Thermal box

Fast cooling and freezing

Powerful temperature control

Versatile and easy to use

Durable built-to-last design

LUMTB520X1



Fast cooling and freezing on the road

Powerful refrigeration to store food and drinks

Philips TB5201 is a high-capacity thermal box for your vehicle. With two separate compartments you can chill or freeze items. Its powerful eco-friendly refrigeration rapidly cools food and drinks*.

Dual storage compartments

- Two compartments provide two independent storage zones

Powerful temperature control

- Choose the proper temperature from a wide range
- Fast cooling and freezing keeps the item fresh***
- Keeps items cool for 48 hours even with the power off****

Versatile easy-to-use design

- Large storage capacity up to 18 liters*****
- Versatile design with reversible door
- Dual modes for powerful cooling or energy saving
- Easy to use with touch control and LCD display
- Easy maintenance with drain outlet

Built for tough road conditions

Eco-friendly refrigerant

Thermal box

Thermal box

LUMTB520X1/50

Specifications

Product description

Automatic On/Off

Power [W]: 56

Technology: Compressor

Refrigerant type: 600a

Volume(L): 18

Noise level (db)(GB/T std): <50

Operation mode: MAX/ECO

Battery protection: 3 levels

Voltage [V]: 12/24

Refrigerant weight(g): 16

Big compartment size(mm): 248*295*250

Small compartment size(mm): 245*150*40

Performance

Temperature range: Down to -22°C

Climate class: SN N ST T

Cooling time from 20°C to 0°C: 15 minutes

Freezing time from 20°C to -10°C: 25 minutes

Tilt angle: 40°

Certification: CCC,RoHS,CB,UKCA,FCC,CE

Logistic data

Quantity in box: 1

EAN1: 6974260729558

Ordering code GOC: 72955866

Ordering Entry: LUMTB520X1

12NC: 9285.999.36905

Accessories

Power cable and length: 3.5 m

Weight and dimensions

Box dimensions (LxWxH)(mm): 690*416*406

Product dimensions (WxDxH)(mm): 616*340*345

Product gross weight: 12.5

Box weight (incl. product): 15

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Issue date 2025-05-14
Version: 2.2.1

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EAN: 00 46678 00428 5

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* *Temperature range: room temperature to -22°C Monitor thermal box temperature range. Tested by inhouse lab with an environment temperature at 20°C, on an empty thermal box, measuring the temperature drop curve.

* **Sources regarding safe storage temperatures for breast milk: Human milk storage guidelines by CDC USA.

* ***Monitor thermal box fast cooling time from 20°C to 0°C in 15 minutes and freezing time from 20°C to -10°C in 20 minutes. Tested by inhouse lab with an environment temperature at 20°C, on an empty thermal box. Applies to thermal box. Temperature drop of content will vary.

* ****Monitor thermal box temperature display when it's powered off. Tested by inhouse lab on a fully loaded thermal box with an environment temperature at 32°C, turning off the power once the box reached a temperature of -20°C. Applies to thermal box. Temperature drop of content will vary.

* *****Actual storage capacity measured by inhouse lab.

* *****DC power supply to monitor thermal box ECO mode power consumption Tested by inhouse lab with an environment temperature at 25°C, on an empty thermal box, setting the temperature to -20°C and measuring 1 working cycle power consumption. 1 week power consumption based on driving 2.2 hours per day.

* *****Tested by internal lab, by tilting the thermal box at an angle of 40° for 2 mins when the device is powered. Use sealed containers to avoid spills.

* *****Datasource of ODP and GWP: R-600a Isobutane Refrigerant Fact & Info Sheet. <https://refrigeranthq.com/r-600a-isobutane-refrigerant-fact-info-sheet/>