

# PHILIPS

## Thermal box

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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 of up to 18 litres\*\*\*\*\*
- 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

LUMTB520X1/00

## 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



\* \*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 in-house lab with an environmental 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 in-house lab on a fully loaded thermal box with an environmental temperature at 32°C, turning off the power once the box reached a temperature of -20°C. Applies to thermal box. Temperature drop of contents will vary.  
\* \*\*\*\*\*Actual storage capacity measured by in-house lab.  
\* \*\*\*\*\*DC power supply to monitor thermal box ECO mode power consumption. Tested by in-house lab with an environmental 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/>