

Wagan EL6206

Wagan EL6206 12V 6 Quart Personal Thermoelectric Cooler/Warmer User Manual

Model: EL6206 | Brand: Wagan

1. INTRODUCTION AND OVERVIEW

The Wagan EL6206 is a versatile 6-quart (6-liter) personal thermoelectric cooler and warmer designed for portability and convenience. Ideal for use in cars, RVs, and during camping, this unit offers both cooling and warming functions to keep your food and beverages at optimal temperatures. Its compact size allows for easy placement in vehicles, and the dual functionality makes it suitable for a variety of uses, from keeping drinks cold on a road trip to warming food for a picnic.

Key features include:

- **Compact Capacity:** 6-quart size for road trip necessities with a small footprint.
- **Dual Function:** Cooling to approximately 36°F below ambient temperature and warming to approximately 140°F.
- **Moving Convenience:** Built-in carry strap for easy transport.
- **Earth-Friendly:** Utilizes thermoelectric cooling without CFCs or refrigerants.



Figure 1.1: The Wagan EL6206 Personal Thermoelectric Cooler/Warmer, shown with beverages and fresh produce.

2. WHAT'S IN THE BOX

Upon opening the packaging, please ensure all the following components are present:

- Wagan EL6206 Unit
- Instruction Manual
- DC Power Cord (12V)

3. SETUP

To set up your Wagan EL6206 unit for first use:

1. Unpack the cooler/warmer and all its components from the box.
2. Place the unit on a stable, flat surface, ensuring adequate ventilation around the fan vents located on the side.
3. Connect the provided 12V DC power cord to the unit's DC input port.
4. Insert the 12V DC plug into your vehicle's cigarette lighter socket or a compatible 12V power outlet.
5. If using an optional AC adapter (not included), connect it to a standard wall outlet and then to the unit's DC input port.



Figure 3.1: Overview of the Wagan EL6206 features, including power connection points.

4. OPERATING INSTRUCTIONS

4.1 Powering On and Off

Locate the power switch on the side of the unit. Slide the switch to the desired mode (Cooling or Warming) or to the

'OFF' position to power down the unit.

Important Safety Note:

- Always turn off and unplug the cooler/warmer before starting or stopping your vehicle's engine to prevent potential damage from voltage spikes.
- When switching between cooling and warming modes, power off the unit for at least 30 minutes to allow the thermoelectric system to stabilize.

4.2 Cooling Mode

In cooling mode, the unit can cool items to approximately 36°F (20°C) below the ambient temperature. For best results:

- Pre-chill items in a standard refrigerator before placing them into the Wagan EL6206. This helps the unit reach and maintain lower temperatures more quickly and efficiently.
- Ensure the lid is securely closed to prevent cold air from escaping.
- Avoid blocking the ventilation grilles on the unit's exterior.

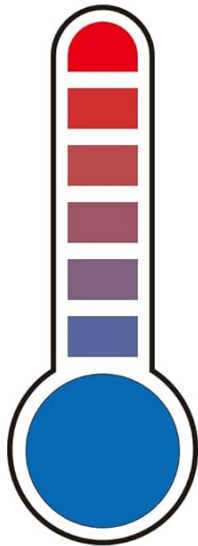
4.3 Warming Mode

In warming mode, the unit can heat items up to approximately 140°F (60°C). For best results:

- Pre-heat items before placing them into the Wagan EL6206. This assists the unit in reaching the desired warming temperature faster.
- Ensure the lid is securely closed to retain heat.

WARMING & COOLING

**HEATS UP
TO 140°F**



**COOLS UP
TO 36°F***



*below ambient temperature

Figure 4.1: Temperature capabilities of the Wagan EL6206 in both warming and cooling modes.



Figure 4.2: The Wagan EL6206 is compatible with both 12V DC power (standard in vehicles) and an optional AC adapter for home use.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Wagan EL6206.

- **Cleaning:** The interior and exterior of the unit can be wiped clean with a damp cloth and mild detergent. Do not submerge the unit in water. Ensure the unit is completely dry before reconnecting power.
- **Ventilation:** Regularly check and clean the fan vents to ensure they are free from dust and debris. Blocked vents can impair cooling/warming efficiency and lead to overheating.
- **Cord Care:** When storing or using the unit, ensure the power cord is not coiled tightly, especially during operation. Keeping wires loose helps prevent heat buildup and potential damage to the cord or connectors.

6. TROUBLESHOOTING

If you encounter issues with your Wagan EL6206, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit not cooling/warming effectively	Items not pre-chilled/heated; blocked vents; lid not sealed; ambient temperature too high/low.	Pre-chill/heat items. Ensure vents are clear. Check lid seal. Operate in suitable ambient temperatures.

Problem	Possible Cause	Solution
Unit does not power on	Power cord not properly connected; vehicle's 12V outlet not functioning; unit switch in 'OFF' position.	Check all power connections. Test vehicle outlet with another device. Ensure switch is in 'Cool' or 'Warm' position.
Power cord/connector feels hot	Cord coiled tightly; prolonged high current draw.	Uncoil the power cord and ensure it is laid out loosely. If overheating persists, discontinue use and contact customer support.

7. SPECIFICATIONS

Detailed specifications for the Wagan EL6206:


Specification	Value
Model	EL6206
Capacity	6 Quarts (6 Liters)
Power Source	12 Volts DC
Cooling Performance	Cools to approx. 36°F (20°C) below ambient temperature
Warming Performance	Heats to approx. 140°F (60°C)
External Dimensions (L x W x H)	15 x 11 x 8 inches
Internal Dimensions (L x W x H)	8.1 x 5.3 x 8.1 inches
Item Weight	5.5 pounds
Can Capacity	9 (12oz) cans

8. WARRANTY AND SUPPORT

Specific warranty details for the Wagan EL6206 are not provided in this manual. For information regarding warranty coverage, product registration, or technical support, please visit the official Wagan website or contact their customer service department directly. Keep your purchase receipt as proof of purchase for any warranty claims.

For further assistance, you may visit the [Wagan Store on Amazon](#).

Related Documents

 The image shows the front cover of the Wagan Power Dome 400 user manual. At the top left is the WAGAN logo. Below it, the text 'Power Dome 400' is printed. In the center is a photograph of the black and silver power device with its cables. At the bottom, the text 'User's Manual', 'Manuel de l'utilisateur', and 'Guide d'utilisation' are listed.	<p>Wagan Power Dome 400 User Manual</p> <p>User manual for the Wagan Power Dome 400, a portable power source with jumpstarting, air compression, and power inversion capabilities. Includes operating instructions, safety warnings, and troubleshooting.</p>
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