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> [BODEGAEU 45L Compressor Cooler User Manual](#)

BODEGA taw45

BODEGAEU 45L Compressor Cooler User Manual

Model: taw45

1. IMPORTANT SAFETY INFORMATION

Please read all safety warnings and instructions carefully before using this appliance to prevent injury or damage. Keep this manual for future reference.

- Ensure the cooler is placed on a stable, level surface to prevent tipping.
- Do not block ventilation openings. Maintain adequate space around the cooler for proper airflow.
- Do not use electrical appliances inside the cooler unless they are of the type recommended by the manufacturer.
- Avoid exposing the cooler to direct sunlight or heat sources.
- Disconnect the power supply before cleaning or performing any maintenance.
- Do not immerse the cooler in water or expose it to heavy rain.
- 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.

2. PRODUCT OVERVIEW AND FEATURES

The BODEGAEU 45L Compressor Cooler is designed for versatile cooling and freezing, ideal for various outdoor and travel scenarios. It features a robust design with advanced temperature control and convenient portability.

Key Features:

- **Dual Zone Functionality:** Two independent compartments with separate temperature controls, allowing simultaneous cooling and freezing.
- **Generous Capacity:** 45 Liters total volume, capable of holding approximately 66 cans of 350ml cola, 37 bottles of 500ml water, or 12 bottles of 750ml wine.
- **Wide Temperature Range:** Adjustable from -20°C to 20°C (-4°F to 68°F).
- **Multiple Power Options:** Operates on 12V/24V DC (car/truck) and 100-240V AC (household). Compatible with portable power stations and solar panels (sold separately).
- **Smart Control:** Manage settings via an intuitive touchscreen display or through the dedicated mobile application (WiFi/Bluetooth connectivity).

- **Battery Protection System:** Three levels (H/M/L) to prevent vehicle battery drain.
- **Efficient Cooling Modes:** MAX mode for rapid cooling and ECO mode for energy-saving operation.
- **Portable Design:** Equipped with sturdy wheels and an extendable handle for easy transport, similar to a suitcase.
- **Convenient Additions:** Built-in LED lights for visibility, a removable cutting board, a USB charging port for mobile devices, and a bottle opener.
- **Reversible Doors:** Lids can be easily removed and re-attached to open from either side.



Figure 2.1: The BODEGAEU 45L Compressor Cooler, showcasing its dual compartments filled with beverages and fruits, alongside a smartphone displaying the control app.

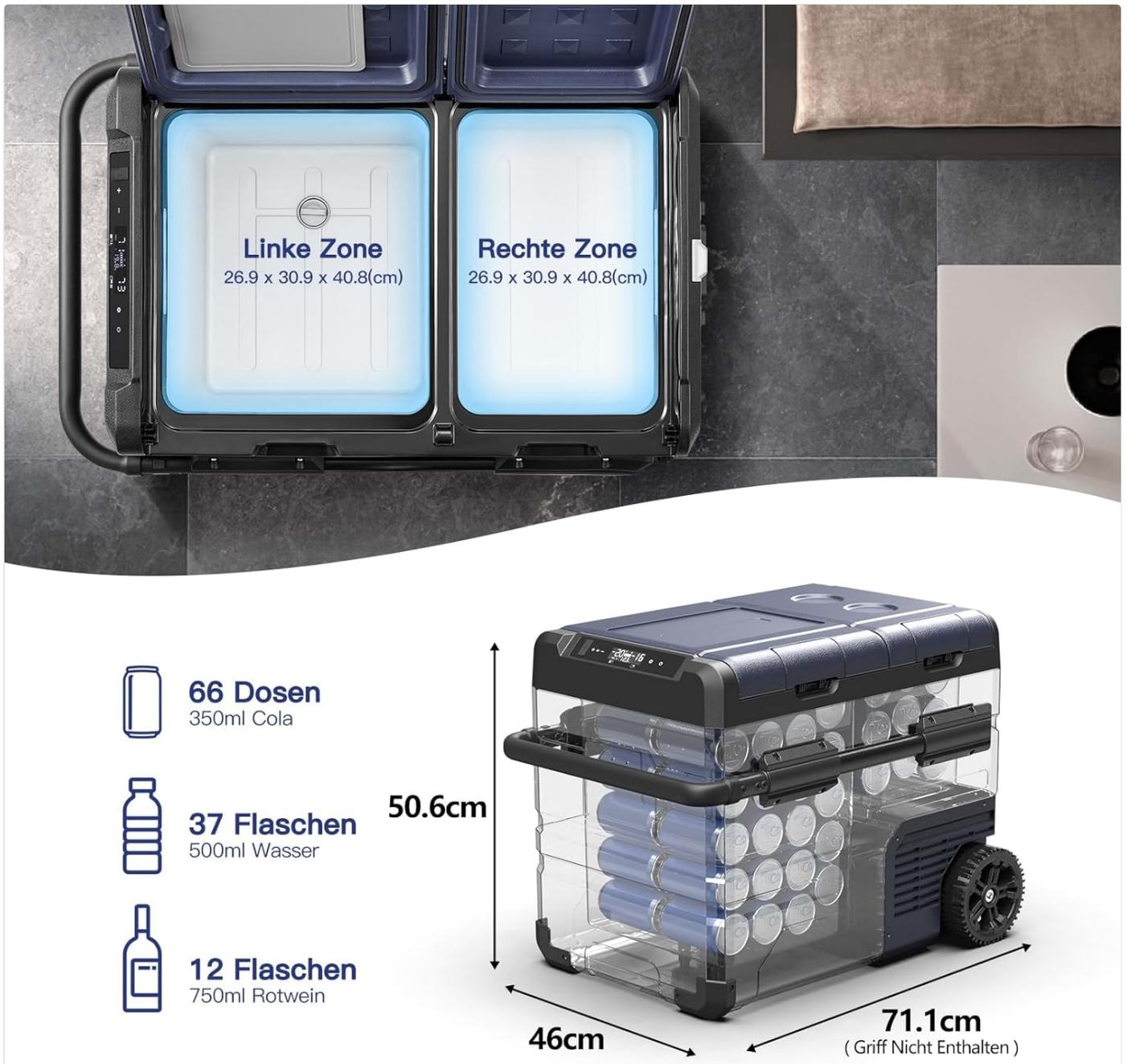


Figure 2.2: An overhead view illustrating the cooler's two independent zones (Left Zone and Right Zone) and a diagram detailing its capacity for cans, water bottles, and wine bottles, along with external dimensions.

Umkehrbare Türen & Doppeltüren



Figure 2.3: The cooler demonstrating its reversible door feature, allowing the lid to be opened from either side for convenience in various settings.



Figure 2.4: A smartphone connected to the cooler's integrated USB port, illustrating its capability to charge external devices.

3. SETUP AND INITIAL USE

3.1 Unpacking and Inspection

- Carefully remove the cooler from its packaging.
- Inspect the cooler for any signs of damage during transit. If damage is found, do not use the appliance and contact customer support.
- Ensure all accessories are present: 1x Cooler, 1x DC Power Cable, 1x AC Power Cable, 1x Cutting Board, 1x User Manual.

3.2 Initial Cleaning

Before first use, clean the interior and exterior of the cooler with a damp cloth and mild detergent. Wipe dry thoroughly.

3.3 Power Connection

The cooler can be powered by various sources:

- **12V/24V DC (Car/Truck):** Connect the DC power cable to the cooler's DC input port and then to your vehicle's cigarette lighter socket.
- **100-240V AC (Household):** Connect the AC power cable to the cooler's AC input port and then to a standard wall outlet.
- **Portable Power Supply/Solar Panel:** The cooler is compatible with external portable power supplies or solar panels (not included). Connect using appropriate cables.

Mehrere Stromversorgungsoptionen



12V für Auto

24V Für LKW



Tragbare
Stromversorgung

Solarpanel

Das Solarpanel versorgt das tragbare Netzteil mit Strom
Das tragbare Netzteil versorgt den kühlbox mit Strom



Steckdose für
Haushalte

100-240V



Figure 3.1: Illustration of the various power supply options for the cooler, including 12V/24V for vehicles, portable power/solar panels, and standard household outlets.

Mehrere Stromversorgungsoptionen



Figure 3.2: A detailed diagram outlining the connections for 12V/24V vehicle power, portable power/solar panel, and household AC power.

3.4 Mobile App Connectivity

The cooler can be controlled via a mobile application. Follow these steps for initial connection:

1. Download the BODEGAEU app from your smartphone's app store.
2. Ensure your cooler is powered on.
3. For the first connection, establish a WiFi connection with the cooler. Refer to the app's instructions for specific WiFi pairing steps.
4. Once WiFi connection is successful, you can switch to Bluetooth connection for subsequent uses, which is often more convenient for direct control.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

Press and hold the power button on the control panel to turn the cooler on or off.

4.2 Temperature Adjustment

Temperatures for each zone can be set independently:

- **Via Touchscreen:** Use the '+' and '-' buttons on the control panel to adjust the desired temperature for each zone. The display will show the current and set temperatures.
- **Via Mobile App:** Open the BODEGAEU app on your smartphone. Select the cooler and use the interface to set temperatures for the left and right zones.

4.3 Cooling Modes (MAX/ECO)

The cooler offers two operational modes:

- **MAX Mode:** Provides rapid cooling to reach the set temperature quickly. This mode consumes more power.
- **ECO Mode:** Operates with reduced power consumption for energy efficiency, ideal for maintaining temperature over longer periods.

Switch between modes using the dedicated button on the control panel or through the mobile app.

Energieeinsparung



ECO MODE
Energieeinsparung



MAX MODE
Schnelle Abkühlung

Figure 4.1: The cooler highlighting its ECO (Energy Saving) and MAX (Fast Cooling) modes, allowing users to choose between efficiency and rapid temperature reduction.

4.4 Battery Protection System

The cooler features a three-level battery protection system (H/M/L) to prevent your vehicle's battery from draining. Select the appropriate level based on your battery type and usage:

- **H (High):** Highest protection, cooler will shut off at a higher voltage to ensure vehicle starting power.
- **M (Medium):** Moderate protection, suitable for most situations.
- **L (Low):** Lowest protection, allows the cooler to run longer but carries a higher risk of vehicle battery drain.

Adjust the battery protection level via the control panel or app settings.

5. MAINTENANCE

5.1 Cleaning

- Always disconnect the power before cleaning.
- Clean the interior with a soft cloth dampened with mild detergent and warm water. Avoid abrasive cleaners or solvents.
- Wipe the exterior with a damp cloth. Ensure no water enters the control panel or electrical components.
- Regularly clean the ventilation grilles to ensure proper airflow and prevent overheating. Use a soft brush or vacuum cleaner to remove dust.
- For stubborn stains, a small amount of baking soda mixed with water can be used. Rinse thoroughly.

5.2 Defrosting

The BODEGAEU 45L Compressor Cooler features an automatic defrost system. However, if a significant layer of ice builds up, manually defrost the unit:

- Turn off the cooler and disconnect it from the power supply.
- Remove all contents.
- Leave the lids open to allow the ice to melt naturally. You can place a towel inside to absorb water.
- Do not use sharp objects or heating devices to speed up defrosting, as this can damage the cooler.
- Once defrosted, wipe the interior dry before reconnecting power and resuming use.



Figure 5.1: An interior view highlighting the independent temperature control for each zone, the built-in LED light for visibility, and the convenient drain plug for easy cleaning and defrosting.

5.3 Storage

When storing the cooler for extended periods:

- Ensure the cooler is clean and completely dry.
- Leave the lids slightly ajar to prevent odors and mold growth.
- Store in a dry, well-ventilated area, away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

If you encounter issues with your BODEGAEU 45L Compressor Cooler, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Cooler not turning on.	No power supply; loose connection; blown fuse; vehicle battery low.	Check power cable connections. Ensure power source is active. Check vehicle battery voltage and cooler's battery protection setting (try 'L'). Replace fuse if necessary.
Cooling performance is poor.	Lid not closed properly; insufficient ventilation; ambient temperature too high; too much content; ECO mode selected.	Ensure lid is securely closed. Clear ventilation openings. Move cooler to a cooler environment. Reduce contents if overloaded. Switch to MAX mode for faster cooling.
Cooler is making unusual noise.	Cooler not level; fan obstruction; normal compressor operation.	Ensure cooler is on a flat surface. Check for any obstructions around the fan. A slight humming sound from the compressor is normal. If noise is excessive or unusual, contact support.
Mobile app not connecting.	Incorrect pairing steps; WiFi/Bluetooth issues; app outdated.	Ensure cooler is powered on and in pairing mode. Re-attempt WiFi pairing first, then Bluetooth. Restart app and cooler. Update app to the latest version.
Display shows an error code.	Internal fault.	Note down the error code and contact customer support for assistance.

If the problem persists after attempting these solutions, please contact BODEGAEU customer support.

7. SPECIFICATIONS

Attribute	Value
Brand	BODEGA
Model Number	taw45
Capacity (Freezer Compartment Volume)	45 Liters
Product Dimensions (L x W x H)	71.12 x 45.97 x 50.55 cm (28 x 18.1 x 19.9 inches)
Weight	19 Kilograms (41.9 lbs)
Voltage	12 Volt (DC), 100-240 Volt (AC)
Defrost System	Automatic
Material	Foam (insulation)
Configuration	Dual Zone Dual Door
Included Components	Cutting board, DC power cable, AC power cable, User Manual

Überlegungen vor dem Kauf

Bitte stellen Sie sicher, dass Ihr Auto genügend Platz für den Kühlbox bietet und eine ausreichende Belüftung gewährleistet ist



Figure 7.1: The cooler placed in a car trunk, illustrating its dimensions (71.1 cm length, 45.97 cm width, 50.54 cm height) to help users assess fit in their vehicle.

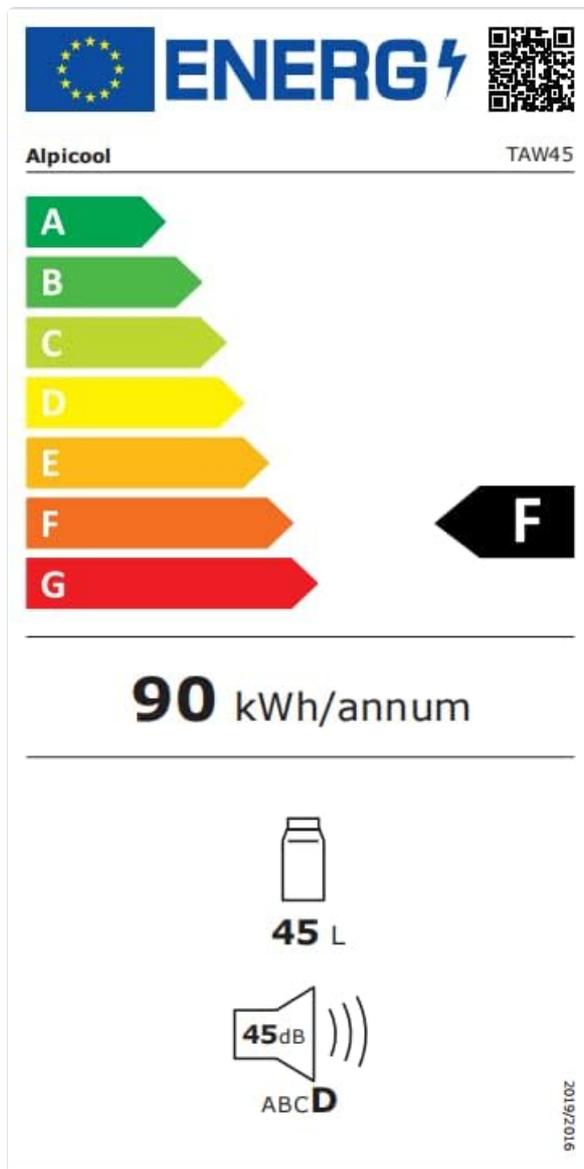


Figure 7.2: A copy of the product data sheet, providing detailed technical specifications and compliance information for the cooler.

Produktdatenblatt			
DELEGIERTE VERORDNUNG (EU) 2019/2016 DER KOMMISSION zur Energieverbrauchskennzeichnung von Kühlgeräten			
Name oder Handelsmarke des Lieferanten: Alpicool			
Anschritt des Lieferanten: Alpicool, 13A Xinlong Road, Lunjiao Town, Shunde District, Foshan City, Guangdong, China			
Modellkennung: TAW45			
Art des Kühlgeräts:			
Geräuscharmes Gerät:	Nein	Bauart:	freistehend
Weinlagerschrank:	Nein	Anderes Kühlgerät:	Ja
Allgemeine Produktparameter:			
Parameter	Wert	Parameter	Wert
Gesamtabmessungen (in Millimeter)	Höhe	Gesamtrauminhalt (in dm ³ oder l)	45
	Breite		
	Tiefe		
EEL	112	Energieeffizienzklasse	F
Luftschallemissionen (in dB(A) re 1 pW)	45	Luftschallemissionsklasse	D
Jährlicher Energieverbrauch (in kWh/a)	90	Klimaklasse:	erweiterte gemäßigte Zone, gemäßigte Zone, subtropische Zone, tropische Zone
Mindestumgebungstemperatur (in °C). für die das Kühlgerät ge-	10	Höchstumgebungstemperatur (in °C). für die das	43

For any questions, technical assistance, or warranty claims, please contact BODEGAEU customer service. Refer to the contact information provided on the product packaging or the official BODEGA website.

When contacting support, please have your product model number (taw45) and purchase date ready.

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