CAMPLUX BW264C-DE

Camplux BW264C-DE 10L Portable Gas Tankless Water Heater

Instruction Manual

1. Product Overview

The Camplux BW264C-DE is a portable, tankless gas water heater designed for outdoor use, providing instant hot water for various applications such as camping, RV travel, horse washing, and outdoor showers. This unit operates on propane or butane gas and requires two D-cell batteries for ignition.



Image 1.1: The Camplux BW264C-DE water heater, highlighting its 10 liters per minute flow, 20 kW power, 0.25 bar low pressure start, and 50 mbar gas compatibility.

Key Features:

- Instant 10 liters per minute hot water delivery.
- Operates with propane or butane gas, 50 mbar regulator included.
- Powered by 2 D-cell batteries (not included), no main power required.
- Rain cover protects against weather elements.
- Adjustable gas and water flow for precise temperature control.
- LED temperature display.

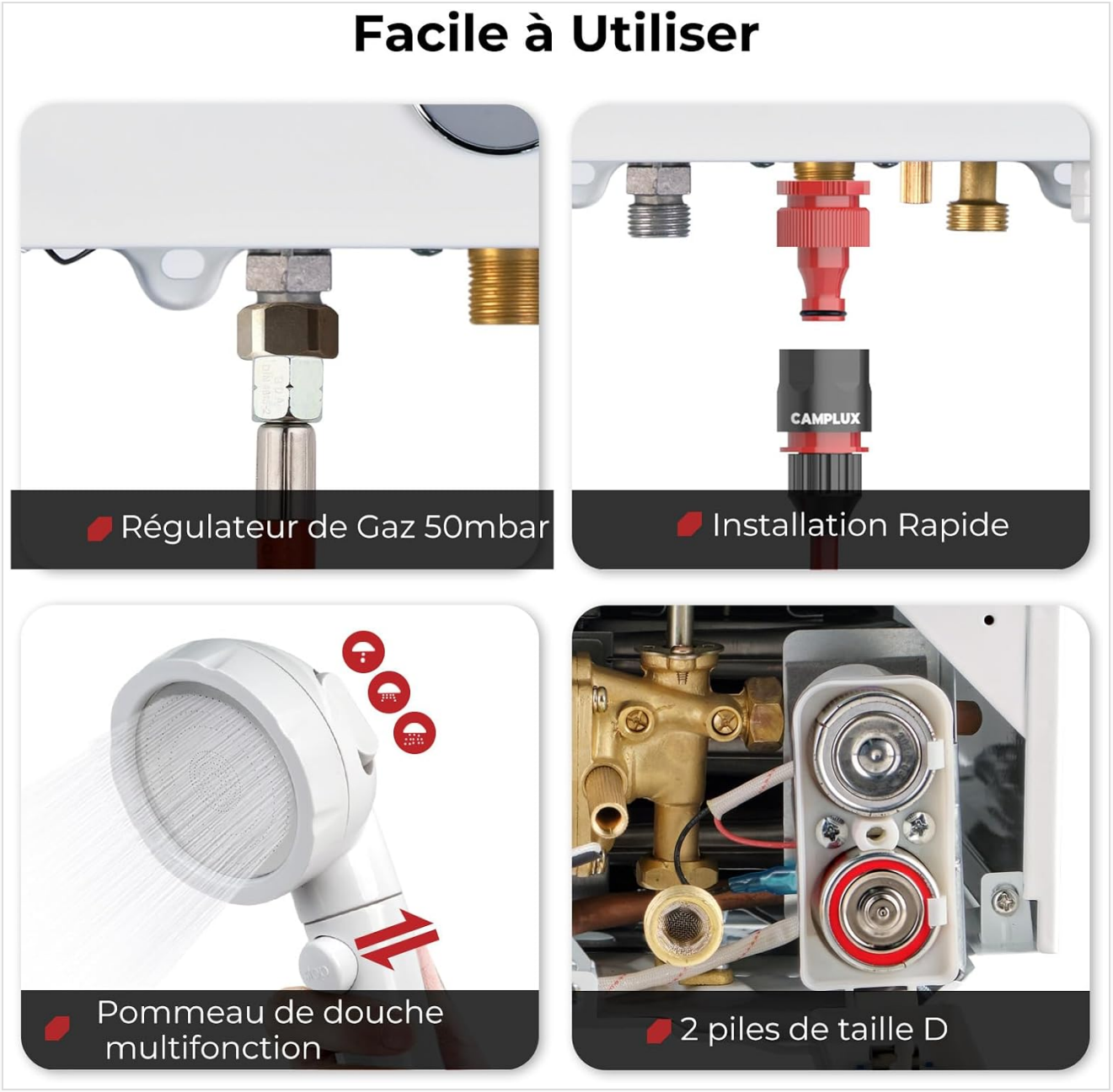


Image 1.2: Detailed view of the water heater's features, including the 50mbar gas regulator, quick installation, multi-function shower head, and D-cell battery compartment.

2. Safety Information

Read all instructions carefully before installation and use. Failure to follow these instructions could result in property damage, personal injury, or death.

General Safety Precautions:

- **Outdoor Use Only:** This appliance is designed for outdoor use in well-ventilated areas. Never operate indoors or in enclosed spaces.
- **Gas Leaks:** Always check for gas leaks after connecting the gas supply. Use soapy water on connections; bubbles indicate a leak. Never use an open flame to check for leaks.
- **Water Pressure:** Ensure water pressure is within the specified range of 0.25 to 8 bar. Excessive pressure can damage the unit.
- **Temperature Control:** Adjust water and gas knobs carefully to achieve desired temperature. Avoid extremely hot water to prevent scalding.

- **Winterization:** Drain the unit completely before freezing temperatures to prevent damage.
- **Ventilation:** Ensure the exhaust vent is clear and unobstructed during operation.



Image 2.1: Overview of the water heater's safety functionalities, including flame failure protection, overheat protection, dry combustion protection, high pressure protection, low flow protection, and anti-freeze protection.

3. Installation

The Camplux BW264C-DE is designed for easy installation. Follow these steps carefully.



Image 3.1: A visual guide to the four main installation steps: connecting the water inlet hose, connecting the shower kit, connecting the gas regulator, and installing the D-cell batteries.

Step 1: Wall Mounting

Mount the water heater securely on a non-combustible wall or a suitable mounting surface. Ensure the unit is level and stable.



Image 3.2: Instructions for wall mounting, showing how to insert screws into the wall and hang the water heater securely.

Step 2: Connect Water Lines

Connect the cold water inlet (blue hose) to your water source and the hot water outlet (red hose) to the shower kit. Ensure all connections are tight to prevent leaks. The water pressure should be between 0.25 and 8 bar.



Image 3.3: Visual guide for connecting the water lines, showing the cold water inlet and hot water outlet connections.

Step 3: Connect Gas Supply

Connect the included 50 mbar gas regulator to your propane or butane gas cylinder and then to the water heater's gas inlet. Use soapy water to check all gas connections for leaks before operation. Bubbles indicate a leak.



Image 3.4: Instructions for connecting the gas supply, showing the gas regulator connected to the gas bottle and the water heater, with a reminder to check for leaks.

Step 4: Insert Batteries

Open the battery compartment and insert two D-cell batteries, ensuring correct polarity (+/-). These batteries power the ignition system and the LED display.



Image 3.5: Guide for inserting the two D-cell batteries into the water heater, emphasizing correct polarity.

Exhaust Vent Installation:

Install the included RC433 rain cap onto the 108mm exhaust vent to protect against rain and debris.



Image 3.6: Illustration of the 108mm exhaust vent and the RC433 rain cap, showing how it fits onto the top of the unit.

4. Operating Instructions

Once installed and all connections are secure, follow these steps to operate your water heater.

Control Panel Overview:



Image 4.1: Detailed view of the control panel, showing the gas control knob, water control knob, and LED temperature display.

- **Gas Control Knob:** Adjusts the gas flow to increase or decrease water temperature. Turn towards MAX for hotter water, MIN for cooler.
- **Water Control Knob:** Adjusts the water flow rate. Turn towards MAX for higher flow, MIN for lower flow. Higher flow generally results in cooler water, lower flow in hotter water (given constant gas).
- **LED Display:** Shows the current water temperature in Celsius.

Starting the Water Heater:

1. Open the gas supply valve on your gas cylinder.

2. Turn on the water supply to the unit.
3. Open the shower head valve or turn on the water at the faucet connected to the hot water outlet. The unit will automatically ignite, and hot water will flow.
4. Adjust the gas and water control knobs to achieve your desired water temperature. The LED display will show the current temperature.

Shower Head Functions:

The included multi-function shower head allows you to select different spray patterns.



Image 4.2: The multi-function shower head, illustrating three spray options: jet, standard, and rain mode.

- **Jet Spray:** For concentrated cleaning.
- **Standard Spray:** A balanced flow for general use.
- **Rain Mode:** A gentle, wide spray for showering.

5. Maintenance

Regular maintenance ensures the longevity and safe operation of your Camplux water heater.

Winterization (Before Freezing Temperatures):

To prevent damage from freezing, it is crucial to properly drain the water heater if it will be exposed to temperatures below freezing.



Image 5.1: A four-step guide for winterizing the water heater: disconnect all connections, completely drain the water, tilt to remove excess water, and store indoors in a dry place.

1. Turn off the gas supply and disconnect the gas hose from the unit and cylinder.
2. Turn off the water supply and disconnect both the cold water inlet and hot water outlet hoses.
3. Open the drain valve (if present) or tilt the unit to ensure all water drains out of the heat exchanger and pipes.
4. Remove the D-cell batteries.
5. Store the water heater in a dry, protected area where it will not be exposed to freezing temperatures.

General Cleaning:

- Wipe the exterior with a damp cloth. Do not use abrasive cleaners.
- Periodically check the exhaust vent for obstructions and clear any debris.
- Inspect gas and water hoses for wear or damage before each use. Replace if necessary.

6. Troubleshooting

If you encounter issues with your water heater, refer to the following common troubleshooting steps:

- **No Hot Water / Unit Not Igniting:**
  - Check if the gas cylinder is open and has sufficient gas.
  - Ensure the D-cell batteries are correctly installed and have enough charge. Replace if needed.
  - Verify water flow. The unit requires a minimum water pressure of 0.25 bar to ignite.
  - Check for kinks in water or gas hoses.
- **Water Not Hot Enough:**
  - Increase the gas flow using the gas control knob (turn towards MAX).
  - Decrease the water flow using the water control knob (turn towards MIN).
  - Ensure the incoming water temperature is not excessively cold.
- **Water Too Hot:**
  - Decrease the gas flow using the gas control knob (turn towards MIN).
  - Increase the water flow using the water control knob (turn towards MAX).
- **Gas Leak Detected (Soapy Water Test):**
  - Immediately turn off the gas supply.
  - Tighten all gas connections.
  - Re-test with soapy water. If the leak persists, do not use the unit and contact customer support.

7. Specifications

Detailed technical specifications for the Camplux BW264C-DE water heater.



Image 7.1: Diagram showing the dimensions of the Camplux BW264C-DE water heater: 330mm width, 180mm depth, and 550mm height.

Specification	Value
Model Number	BW264C-DE
Dimensions (L x W x H)	33 x 18.4 x 73.5 cm
Weight	8.5 Kilograms
Power Output	20 KW
Water Flow Rate	10 Liters per minute
Applicable Water Pressure	0.25 ~ 8 Bar
Gas Type	Propane or Butane
Gas Regulator	50 mbar (included)
Ignition Power	2 x D-cell batteries (not included)

Specification	Value
Hose Length	150 Centimeters (shower hose)
Special Features	CE-GAR Certified, Weather Resistant

8. Package Contents

The following items are included in your Camplux BW264C-DE package:



Image 8.1: A visual representation of the items included in the package: the water heater unit, 50mbar gas regulator with 150cm hose, ON/OFF shower head with 150cm hose, RC433 rain cap, installation kits, and user manual.

- Camplux BW264C-DE Water Heater Unit
- Shower Head and Hose (150cm)
- CE 50 mbar Gas Regulator and Hose (150cm)
- RC433 Rain Cap
- Installation Kit (screws, wall plugs, washers)
- User Manual

9. Warranty and Support

For warranty information or technical support, please refer to the contact details provided in the included user manual or visit the official Camplux website. Keep your purchase receipt as proof of purchase for any warranty claims.
For further assistance, you may contact Camplux customer service directly.

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