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## Zibro LC-32

# Zibro LC 32 Electronic Portable Fuel Stove User Manual

Model: LC-32 | Brand: Zibro

## 1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, maintenance, and troubleshooting of your Zibro LC 32 Electronic Portable Fuel Stove. Please read this manual thoroughly before using the appliance and retain it for future reference.

The Zibro LC 32 is a portable electronic fuel stove designed for heating spaces between 21 and 55 square meters. Manufactured in Japan by Toyotomi, it features advanced electronic controls and safety mechanisms.



Figure 1: Front view of the Zibro LC 32 Electronic Portable Fuel Stove. This image shows the control panel with a digital display and buttons for setting temperature and timer, and the heat output grille.

## 2. SAFETY INFORMATION

Always adhere to the following safety guidelines to prevent accidents, injury, or damage to the appliance.

- **Ventilation:** Ensure adequate ventilation in the room where the stove is operated. Fuel-burning appliances consume oxygen and produce combustion byproducts.
- **Fuel Type:** Use only recommended fuel types (e.g., Toyotomi brand fuels). Using incorrect or low-quality fuel can damage the stove, produce smoke, unpleasant odors, and void the warranty.

- **Placement:** Place the stove on a stable, level surface, away from flammable materials such as curtains, furniture, and bedding. Maintain a safe distance from walls and other objects.
  - **Children and Pets:** Keep children and pets away from the operating stove to prevent burns or accidental tipping.
  - **Refueling:** Always turn off and allow the stove to cool completely before refueling. Refuel in a well-ventilated area, preferably outdoors, to avoid fuel spills and fumes indoors.
  - **Electrical Connection:** Connect the stove to a properly grounded electrical outlet. Do not use extension cords unless absolutely necessary and ensure they are rated for the stove's power requirements.
  - **Moving the Stove:** Do not move the stove while it is operating or hot. Allow it to cool down and ensure the fuel tank is securely closed before relocating.
  - **Overheating and Tip-over Protection:** The stove is equipped with automatic safety features to shut off in case of overheating or if it is accidentally tipped over. Do not attempt to bypass these safety mechanisms.
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### 3. PRODUCT FEATURES

The Zibro LC 32 Electronic Portable Fuel Stove incorporates several features designed for user convenience and safety:

- **Heating Capacity:** Suitable for heating areas from 21 to 55 square meters.
- **Energy Efficiency:** Rated Class A for energy efficiency.
- **Electronic Thermostat:** Maintains the desired room temperature automatically.
- **Programmable Timer:** Allows scheduling of power-on and power-off times, including weekly programming with set temperatures.
- **Mountain Function:** Optimized for use at higher altitudes.
- **Automatic Self-Cleaning:** Reduces maintenance effort.
- **Auto-Diagnosis System:** Provides error codes for easier troubleshooting.
- **Anti-Odor System:** Minimizes odors during operation.
- **Safety Protections:** Includes shock protection and overheat protection for enhanced safety.
- **Portability:** Designed for easy relocation without complex installation or chimney requirements.
- **Low Power Consumption:** Average operational power consumption is approximately 14 watts.



Figure 2: Key features of the Zibro LC 32, highlighting its Class A energy rating, heating capacity of up to 52m<sup>2</sup>, 4-year warranty, and Japanese manufacturing origin.

**TÖYÖTÖMI**  
Stufe a combustibile

52 m<sup>2</sup>

CLASSE ENERGETICA  
**A**

**4**  
YEAR  
WARRANTY

MADE IN JAPAN

No Camino

No Scarico

No Installazione

Ventilata

**Heat, Save and have fun**

\*Estendi la garanzia della tua stufa raccogliendo i punti combustibile **TÖYÖTÖMI**

Figure 3: Operational advantages of the Zibro LC 32, illustrating that it requires no chimney, no external exhaust, no complex installation, and features integrated ventilation.

## 4. SETUP

1. **Unpacking:** Carefully remove the stove from its packaging. Retain all packaging materials for potential future transport or service.
2. **Placement:** Position the stove on a firm, level surface. Ensure there is sufficient clearance around the unit (minimum distances from walls and furniture as specified in the safety section).
3. **Fuel Tank Preparation:** The Zibro LC 32 uses a removable fuel tank. Before first use, or when the tank is empty, remove it from the stove.
4. **Initial Fuel Filling:**
  - Transport the removable tank to a well-ventilated area, preferably outdoors.
  - Open the fuel tank cap.
  - Carefully fill the tank with recommended Toyotomi brand fuel. Avoid overfilling.
  - Securely close the fuel tank cap and wipe away any spills.
  - Return the filled tank to its position within the stove, ensuring it is seated correctly.

5. **Power Connection:** Plug the stove's power cord into a suitable 230V AC grounded electrical outlet.
  6. **Initial Priming:** After filling the tank for the first time, allow approximately 30 minutes for the fuel to fully saturate the system before attempting to turn on the stove. This ensures proper ignition and prevents airlocks.
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## 5. OPERATING INSTRUCTIONS

### 5.1 Powering On and Off

- **To Turn On:** Press the **Power button**. The display will illuminate, and the stove will begin its ignition sequence.
- **To Turn Off:** Press the **Power button** again. The stove will initiate a shutdown sequence, which may take a few minutes to complete as it cools down.

### 5.2 Setting Temperature

- Use the **"Set"** or **"+" / "-"** buttons on the control panel to adjust the desired room temperature. The current and set temperatures will be displayed.
- The electronic thermostat will automatically regulate the heat output to maintain the set temperature.

### 5.3 Using the Timer Function

- Press the **"Timer"** button to access the timer settings.
- Follow the on-screen prompts or refer to the detailed instructions in the full manual for setting specific power-on/off times and weekly schedules.

### 5.4 Mountain Function

- If operating the stove at high altitudes, activate the **Mountain Function** (refer to the control panel for the specific button or menu option) to ensure optimal combustion and performance.
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## 6. FUEL INFORMATION

The Zibro LC 32 stove is designed to operate with specific types of liquid fuel. For optimal performance, safety, and to maintain your warranty, it is highly recommended to use Toyotomi brand fuels.

- **Recommended Fuels:** Toyotomi Plus, Toyotomi Pure Super-Puro, Toyotomi "Odorless", and Toyotomi Clear "Ultra Odorless" fuels are specifically formulated for Zibro stoves. These fuels ensure high heating value, low aroma, and minimal residue after combustion, extending the stove's lifespan.
- **Avoid Unsuitable Fuels:** Using different or low-quality fuels can lead to:
  - Damage to internal components.
  - Increased smoke and unpleasant odors.

- Reduced stove lifespan.
- Invalidation of the product warranty.
- **Toyotube System:** The stove is compatible with the Toyotube system, which offers disposable fuel refills for a simple, quick, and clean refueling process.

[www.toyotomi.eu](http://www.toyotomi.eu)

# 1 Anno ulteriore Assistenza gratuita

Raccogliete 10 punti Fedeltà sui combustibili Toyotomi ed ottenete 12 mesi aggiuntivi di assistenza gratuita sulla vostra stufa prodotta da Toyotomi



Figure 4: The Zibro LC 32 stove displayed alongside recommended Toyotomi brand fuels, emphasizing the importance of using appropriate fuel for optimal performance and warranty coverage.

## 7. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your Zibro LC 32 stove.

- **Automatic Self-Cleaning:** The stove features an automatic self-cleaning function. Allow this cycle to complete as scheduled by the appliance.
- **Exterior Cleaning:** Wipe the exterior surfaces of the stove with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure the stove is turned off and cool before cleaning.
- **Dust Removal:** Periodically vacuum or brush away any dust accumulation from the air intake and exhaust grilles to maintain proper airflow.
- **Fuel Filter:** Consult the detailed manual for instructions on inspecting and cleaning or replacing the fuel filter, if applicable. This is crucial for preventing fuel flow issues.

- **Storage:** If storing the stove for an extended period, ensure the fuel tank is empty and clean. Store in a dry, dust-free environment.

## 8. TROUBLESHOOTING

The Zibro LC 32 is equipped with an auto-diagnosis system to help identify and resolve common issues. If the stove displays an error code or exhibits unusual behavior, refer to the following general guidance:

Problem	Possible Cause	Solution
Stove does not turn on.	No power, empty fuel tank, or safety shutdown.	Check power connection. Ensure fuel tank is filled and correctly inserted. Allow priming time after refilling. Check for error codes.
Stove shuts off unexpectedly.	Overheat protection, tip-over sensor activated, low oxygen, or low fuel.	Ensure adequate ventilation. Check if the stove was bumped or tipped. Refill fuel if low. Allow stove to cool before restarting.
Unpleasant odor or smoke.	Incorrect fuel, poor ventilation, or dust accumulation.	Verify correct fuel type is used. Ensure proper ventilation. Clean dust from grilles.
Error code displayed.	Internal system fault detected by auto-diagnosis.	Note the error code and consult the comprehensive user manual or contact customer support for specific guidance.

For detailed error code explanations and advanced troubleshooting, please refer to the complete manual provided with your product or visit the official Zibro support website.

## 9. SPECIFICATIONS

Specification	Value
Brand	Zibro
Model Number	LC-32
Manufacturer	Toyotomi
Power Output	3200 Watts
Voltage	230 Volts (AC)
Material	Steel
Product Dimensions (L x W x H)	29.6 x 37.6 x 42.8 cm
Item Weight	8 Kilograms

Specification	Value
Heating Area	21 - 55 m <sup>2</sup>
Fuel Consumption	0.083 - 0.333 liters/hour
Energy Efficiency Class	A
Special Features	Programmable Thermostat, Auto-stop Function

## 10. WARRANTY AND SUPPORT

Your Zibro LC 32 Electronic Portable Fuel Stove comes with a standard **4-year warranty**, ensuring peace of mind regarding product quality and performance.

- **Warranty Extension:** The warranty can be extended by using Toyotomi brand fuels. Please refer to the product registration information or the official Zibro/Toyotomi website for details on how to extend your warranty.
- **Spare Parts Availability:** Spare parts for this model are available for up to 10 years.
- **Customer Support:** For technical assistance, warranty claims, or to purchase genuine spare parts, please contact your authorized Zibro dealer or visit the official Toyotomi website.
- **Important Note:** Damages or operational errors resulting from the use of inappropriate or low-quality fuel are not covered under warranty.