

DIMPLEX LC2507W31

Dimplex LC2507W31 Linear Convactor Electric Baseboard Heater User Manual

Model: LC2507W31 | 240V, 750W

IMPORTANT SAFETY INFORMATION

Read all instructions before installing or using this heater. Failure to follow these instructions may result in electric shock, fire, or serious injury. Keep this manual for future reference.

- Always disconnect power before servicing or cleaning.
- Do not install in areas where gasoline, paint, or other flammable liquids are used or stored.
- Maintain clearances from combustible materials as specified in the installation section.
- This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces.
- Close supervision is necessary when any heater is used by or near children or invalids.

PRODUCT OVERVIEW

The Dimplex LC2507W31 is a 25-inch linear convactor electric baseboard heater designed to provide efficient and quick heating for various indoor spaces. Its compact and sleek design allows for discreet installation while delivering consistent warmth.



Figure 1: Front view of the Dimplex LC2507W31 Linear Convactor Electric Baseboard Heater.



Figure 2: Detailed front view of the Dimplex LC2507W31 heater, highlighting its sleek design.

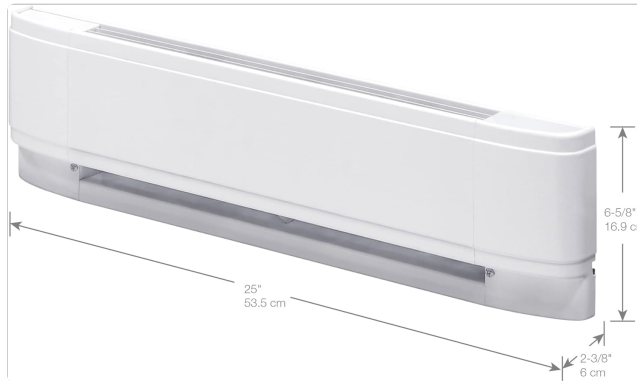


Figure 3: Dimensions of the Dimplex LC2507W31 heater, showing its length, height, and depth for installation planning.

SETUP AND INSTALLATION

This section provides instructions for the proper installation of your Dimplex baseboard heater. Installation should be performed by a qualified electrician in accordance with all local and national electrical codes.

1. Mounting Location

- Mount the heater on a wall, ensuring it is level.
- Maintain a minimum clearance of 6 inches (15 cm) from the floor and 12 inches (30 cm) from any combustible materials above the heater.
- Avoid installing directly below electrical outlets.

2. Electrical Connection

- Ensure the main power supply to the circuit is turned OFF at the circuit breaker or fuse box before beginning any wiring.
- Connect the heater to a dedicated 240V circuit. Refer to the wiring diagram provided with the heater for specific connections.
- All wiring must comply with the National Electrical Code (NEC) and local codes.

3. Securing the Heater

- Secure the heater to the wall studs using appropriate mounting hardware.
- Ensure the heater is firmly attached and stable.

OPERATING INSTRUCTIONS

The Dimplex LC2507W31 baseboard heater operates by convection, drawing in cool air from the bottom and releasing warm air from the top. This model typically requires an external thermostat for temperature control (not included).

1. Initial Power-Up

- After installation, turn on the main power supply to the heater circuit.

- The heater may emit a slight odor during its first few hours of operation. This is normal and will dissipate quickly.

2. Temperature Control

- If an external thermostat is installed, set the desired room temperature using the thermostat controls.
- The heater will cycle on and off to maintain the set temperature.

3. General Operation Tips

- Do not block the air intake or outlet grilles. This can reduce heating efficiency and pose a fire hazard.
- Keep drapes, furniture, and other objects away from the heater to ensure proper airflow and safety.



Figure 4: The Dimplex LC2507W31 heater discreetly installed in a bedroom, demonstrating its compact footprint.



Figure 5: The Dimplex LC2507W31 heater installed in a bathroom, showcasing its suitability for various room types.



Figure 6: The Dimplex LC2507W31 heater installed in a kitchen, illustrating its versatile placement options.

Your Dimplex baseboard heater requires minimal maintenance. Regular cleaning will help maintain its efficiency and appearance.

1. Cleaning

- Before cleaning, ensure the power to the heater is turned OFF at the circuit breaker.
- Allow the heater to cool completely.
- Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Use a vacuum cleaner with a brush attachment to remove dust from the grilles and interior components.
- Do not spray liquids directly onto the heater.

2. Storage

If storing the heater for an extended period, ensure it is clean and dry. Store in a cool, dry place, preferably in its original packaging to protect it from dust and damage.

TROUBLESHOOTING

If you experience issues with your Dimplex baseboard heater, refer to the following common problems and solutions. If the problem persists, contact qualified service personnel.

Problem	Possible Cause	Solution
Heater does not turn on.	No power to the unit. Thermostat set too low. Circuit breaker tripped.	Check power supply. Increase thermostat setting. Reset circuit breaker.
Heater produces insufficient heat.	Blocked air grilles. Room size too large for heater capacity. External thermostat malfunction.	Clear obstructions from grilles. Consider additional heating or a higher wattage unit. Consult an electrician to check thermostat.
Unusual odors during operation.	Dust accumulation. New heater "burn-off" smell.	Clean the heater thoroughly. This is normal for new heaters and will dissipate. Ensure good ventilation.

SPECIFICATIONS

Feature	Detail
Brand	DIMPLEX
Model Number	LC2507W31
Color	White
Product Dimensions	2.38"D x 25"W x 6.63"H
Voltage	240 Volts (AC)
Amperage	3.13 Amps

Feature	Detail
Fuel Type	Electric
Heating Coverage	6.68 square feet
Mounting Type	Wall Mount
Item Weight	4.55 pounds
UPC	781052063976

WARRANTY AND SUPPORT

Limited Warranty

Dimplex warrants this product to be free from defects in material and workmanship for a period of one (1) year from the date of original purchase. This warranty does not cover damage resulting from misuse, abuse, accident, alteration, or improper installation.

Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact Dimplex customer support:

Website: www.dimplex.com

Phone: Refer to the Dimplex website for regional contact numbers.

Email: Refer to the Dimplex website for support email addresses.


Please have your model number (LC2507W31) and date of purchase ready when contacting support.



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Related Documents - LC2507W31

	<p>Dimplex Smart Baseboard LPC Series Installation and Operation Manual</p> <p>This manual provides essential instructions for the safe installation, operation, and maintenance of the Dimplex Smart Baseboard LPC Series electric heaters. Learn about placement, features like CONNEXT™ connectivity, safety warnings, and warranty information.</p>
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Learn how to safely operate and maintain your Dimplex 2kW Convector Heater Series (Models ML2TA, ML2TSFA, ML2TS, ML2TSF) with this comprehensive instruction manual. Covers safety precautions, specifications, assembly, controls, cleaning, and warranty.



Comprehensive installation and operating instructions for the Dimplex DX 521 and DX 522 T free-standing convector heaters. Covers safety, setup, electrical connection, operation, maintenance, troubleshooting, and technical specifications.



An owner's guide for the Dimplex T Series Electric Baseboard heater, providing essential information on safety instructions, installation procedures, operating the heater, maintenance tips, troubleshooting common issues, and warranty details.



Instruction manual for the Dimplex 2kW DC Ceramic Tower Heater with Electronic Controls (Model DHCH20E). Includes safety precautions, operation, specifications, cleaning, storage, maintenance, warranty, and recycling information.



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Comprehensive user manual for Dimplex Futurad heaters (models FutM2CE and FutM3CE).
Covers safety instructions, operation, assembly, features like runback timer and frost protection,
technical specifications, and warranty information.