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**De'Longhi HBE3551TCB**

# De'Longhi Caldobagno HBE3551TCB Vertical Fan Heater User Manual

Model: HBE3551TCB

## Introduction

This manual provides essential instructions for the safe and efficient use of your De'Longhi Caldobagno HBE3551TCB Vertical Fan Heater. Please read all instructions carefully before operating the appliance and retain this manual for future reference.




*Image: The De'Longhi Caldobagno HBE3551TCB vertical fan heater, black with a clear control panel cover.*

# 1. Setup

## Unpacking and Placement

1. Carefully remove the heater from its packaging.
2. Place the heater on a stable, flat surface. Ensure there is adequate space around the unit for proper air circulation.
3. Do not place the heater directly below a power outlet.
4. This appliance is designed with IP21 protection, making it suitable for use in bathrooms. However, ensure it is not placed where it can fall into water or be splashed directly. Always maintain a safe distance from water sources.

## Electrical Connection

- Ensure the voltage indicated on the appliance's rating label matches your mains voltage.
- Plug the power cord into a suitable electrical outlet.
- **Important Safety Note:** To prevent accidental reset of the thermal cut-out, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.

# 2. Operating Instructions

## Control Panel Overview




*Image: A detailed view of the heater's control panel, showing the thermostat dial, power level selector, and timer.*

- **Thermostat Dial:** Adjusts the desired room temperature.
- **Power Level Selector:** Choose between different heating outputs.
- **Timer:** Programs the appliance for specific operating times.

## Power Settings and Ceramic Technology




*Image: Graphic illustrating three power levels, representing adjustable heating output.*

The heater offers three power settings to optimize energy consumption and heating output:

- **2200 W:** Maximum heating power for rapid warming.
- **1400 W:** Medium heating power for sustained warmth.
- **800 W:** Low heating power for energy-efficient background heating.




*Image: Graphic displaying 'Ceramic Technology: Efficient and Reliable'.*

This appliance utilizes ceramic technology, which provides efficient and safe heating. The large surface area of the heating element and the ability of the PTC element to regulate current based on temperature contribute to its effectiveness.

## Timer Function

The integrated 24-hour timer allows you to program the appliance for specific operating periods throughout the day, enhancing convenience and energy management.

## Adjustable Thermostat and Modes

The adjustable room thermostat maintains your desired temperature. The heater also includes a frost protection function, which automatically activates the heater if the room temperature drops below a certain level, and a summer ventilation mode for fan-only operation without heat.

## Motorized Oscillation




*Image: The heater shown with motion blur, indicating its oscillation feature, distributing heat across a wider area.*




*Image: Graphic depicting an oscillating base with arrows indicating rotational movement.*

The motorized oscillation feature allows the heater to rotate, distributing warm air more evenly across the room.

## Silence System

The exclusive Silence System ensures quiet operation, making the appliance suitable for use in various environments without causing disturbance.

## Safety Precautions During Operation

- **Do Not Cover:** Never cover the appliance during use, as this can lead to dangerous overheating.
- **Tip-Over Protection:** The heater is equipped with an electronic safety system that automatically switches off the unit if it is accidentally tipped over.
- **Overheat Protection:** In case of overheating, the heater will automatically shut off. If this occurs, unplug the unit, allow it to cool down, and check for any obstructions before restarting.

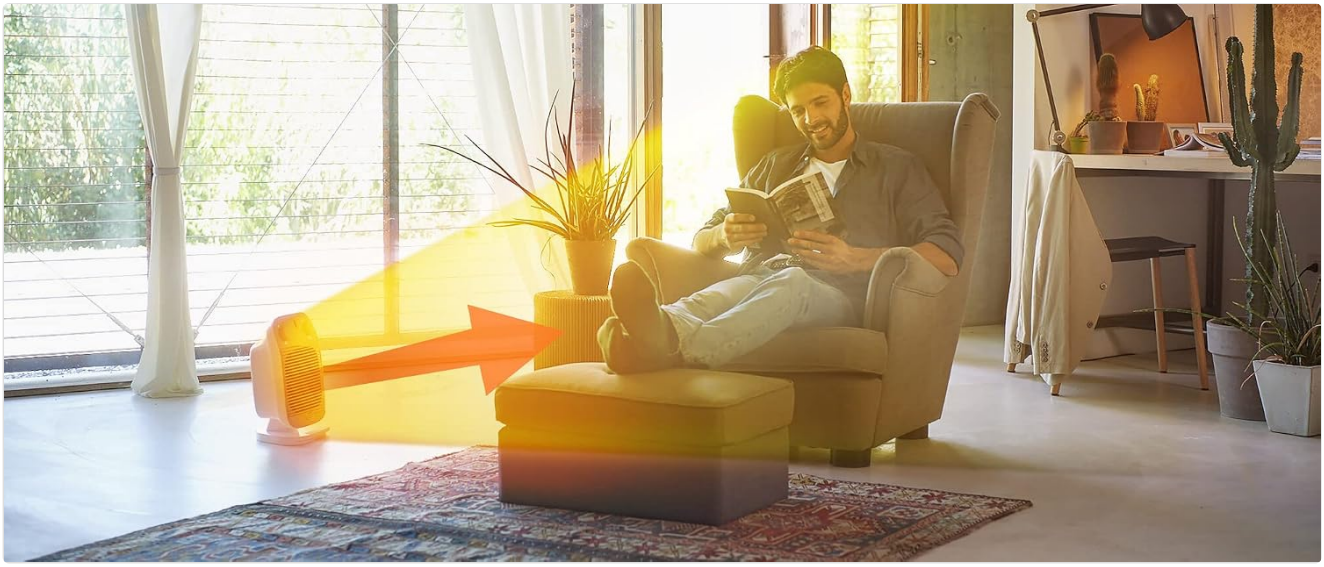


*Image: The heater positioned in a living room, demonstrating its use in a typical home environment.*




*Image: The heater placed in a bathroom, highlighting its IP21 rating for safe use in such environments.*

## 3. Maintenance

### Cleaning the Dust Filter

The appliance is equipped with a dust filter. Regular cleaning of this filter is recommended to maintain optimal performance and air quality. Refer to the diagram in the full manual for filter location and removal instructions.

### General Cleaning

- Always unplug the heater from the power outlet before cleaning.
- Allow the heater to cool down completely.
- Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Ensure no water enters the internal components of the heater.

## 4. Troubleshooting

### Heater Does Not Turn On

- Check if the power cord is securely plugged into a working electrical outlet.
- Verify that the power level selector is not set to 'off' or 'fan only' if heating is desired.
- Ensure the timer is not set to an 'off' period.
- Check if the tip-over safety switch has been activated (e.g., if the heater was moved or tilted). Place the heater on a stable surface.
- If the heater has overheated, it will automatically shut off. Unplug the unit, allow it to cool for at least 30 minutes, and then plug it back in.

### Insufficient Heating

- Increase the power level setting.
- Adjust the thermostat to a higher temperature setting.
- Ensure the room size is within the recommended heated volume (up to 65 $m^3$).
- Check for drafts or open windows/doors that may be reducing heating efficiency.

### Unusual Noise

A slight operational noise is normal for fan heaters. If the noise is excessive or unusual, ensure the unit is on a stable, flat surface and that no foreign objects are obstructing the fan or air vents.

## 5. Specifications

| Feature | Detail |
|---|---|
| Brand | De'Longhi |
| Model Number | HBE3551TCB (Manufacturer Model: 0114442001) |
| Color | Black |
| Product Dimensions | 27 x 21 x 34 cm |
| Item Weight | 2.8 kg (6.17 Pounds) |
| Power/Wattage | 2200 Watts (3 settings: 2200W, 1400W, 800W) |

| | |
|---|---|
| Voltage | 230 Volts |
| Material | Plastic |
| Number of Speeds | 3 |
| Noise Level | 48 Decibels |
| Special Features | Ceramic technology, 3 power settings, Motorized oscillation, Electronic tip-over safety system, 24-hour timer, Adjustable room thermostat, Frost protection, Summer ventilation |
| IP Protection Class | IP21 (protection against vertically falling water drops) |
| Heatable Volume | Up to 65 $m^3$ (approx. 348.95 sq ft) |
| Power Source | Corded Electric |
| Room Type | Dining Room, Living Room (suitable for bathroom due to IP21) |

## 6. Warranty and Support

For information regarding warranty coverage, technical support, or service, please refer to the warranty card included with your product or contact De'Longhi customer service directly. Contact details can typically be found on the manufacturer's official website or in the product packaging.

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