

**Byecold 3H1206L-TH**

# Byecold Infrared Ceiling Heater with Thermostat and LED Light, 800W

Model: 3H1206L-TH

## 1. INTRODUCTION

Thank you for choosing the Byecold Infrared Ceiling Heater with Thermostat and LED Light. This manual provides essential information for the safe and efficient operation of your new heater. Please read it thoroughly before installation and use, and retain it for future reference.

This infrared heater provides comfortable warmth similar to sunlight, without CO<sub>2</sub> emissions, contributing to a clean and dust-free environment. It features integrated LED lighting with adjustable color temperature and brightness, all controllable via the included remote thermostat.



Image 1.1: The Byecold Infrared Ceiling Heater with its remote control, installed on a ceiling.

## 2. SAFETY INFORMATION

**WARNING: To reduce the risk of fire, electric shock, or injury, read and understand all instructions before using this product.**

- Always ensure the heater is properly installed and securely mounted according to the instructions.
- Do not operate the heater with a damaged cord or plug, or after the heater malfunctions or has been dropped or damaged in any manner.
- Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains at least 1 meter (3 feet) from the front of the heater.
- This heater is equipped with an overheating protection system that automatically cuts off power if the internal temperature exceeds safe limits. If this occurs, disconnect the power, allow the unit to cool, and then reconnect. If the issue persists, contact support.
- Do not use in bathrooms or other wet locations unless specifically rated for such environments. This model features waterproof LED light, but general electrical safety precautions apply.
- Ensure the power supply voltage matches the rating on the heater's label.



Image 2.1: Diagram illustrating the overheat protection feature, which automatically cuts off power when the unit overheats.



Image 2.2: Icons indicating waterproof design and electrical safety features, suitable for various indoor environments.

### 3. PACKAGE CONTENTS

Upon unpacking, please verify that all items listed below are present and undamaged:

- 1 x Byecold Infrared Ceiling Heater
- 1 x Thermostat Remote Control
- 1 set of Installation Accessories (screws, wall anchors)
- 1 x User Manual

### 4. SETUP AND INSTALLATION

The Byecold Infrared Ceiling Heater is designed for ceiling or wall mounting. Professional installation is recommended for electrical connections.

#### 4.1 Mounting the Heater

The heater can be mounted on a ceiling or wall. Ensure the mounting surface is sturdy enough to support the heater's weight (approximately 8 kg). Refer to the included installation accessories for proper mounting.

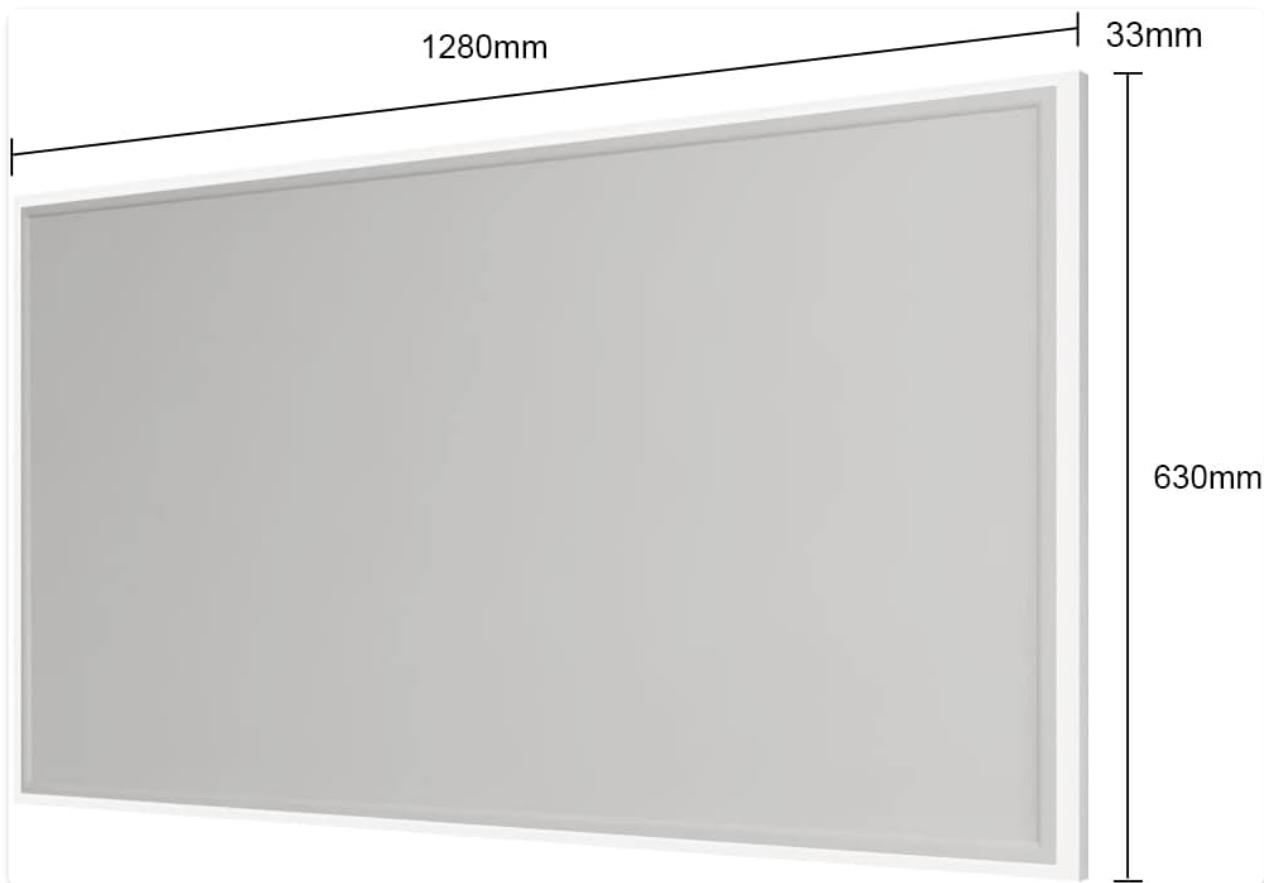


Image 4.1: Diagram showing the dimensions of the heater: 1280mm (length) x 630mm (width) x 33mm (thickness).

#### Important Tip for Wall Anchors:

When using the provided two-part wall anchors (dübel), ensure the threaded piece is inserted into the wall first, with the threaded receiving end facing outwards. This prevents the shorter threaded part from detaching under load, which could cause the heater to fall. If unsure, consult a professional.

## 4.2 Electrical Connection

Connect the heater to a 230 VAC power source. It is recommended to have a qualified electrician perform the electrical wiring to ensure safety and compliance with local regulations.

## 4.3 Pairing the Heater and Thermostat Remote Control

Follow these steps to pair your heater with the remote control:

1. Unplug the heater from the power outlet, then plug it back in. You will hear a short beep sound.
2. Within 1 minute of plugging in the heater, simultaneously press and hold the **MODE** and **C/F** buttons on the remote control.
3. Continue holding until you hear a long beep sound. This indicates that the pairing process is complete.

*Note: If pairing is not completed within 1 minute, unplug and re-plug the heater, then repeat the steps above.*



Image 4.2: The heater and remote control, illustrating the pairing process. Key features highlighted include secure and easy pairing, no wiring required, separate control for heating and lighting functions.

## 5. OPERATING INSTRUCTIONS

The Byecold Infrared Ceiling Heater offers both heating and LED lighting functions, controlled by the supplied remote thermostat.



Image 5.1: Diagram of the remote control, detailing buttons for light operation (Brightness+, Light On/Off, Brightness-) and thermostat operation (LOCK, MODE, SET, TIME, FAV, C/F, Power, Temperature Up/Down).

## 5.1 Heating Function

The infrared technology heats objects and people directly, similar to sunlight, rather than heating the air. This results in a comfortable and consistent warmth.

- **Power On/Off:** Press the power button on the remote control to turn the heating function on or off.
- **Temperature Setting:** Use the **SET** button and the up/down arrows to adjust the desired room temperature. The LCD screen on the remote will display the current room temperature and the set temperature.
- **Mode Selection:** Use the **MODE** button to cycle through different operating modes (e.g., comfort, economy, anti-freeze, program).
- **Timer Function:** The **TIME** button allows you to set a timer for automatic shutdown or scheduled operation.
- **C/F Button:** Toggle between Celsius and Fahrenheit temperature display.



Image 5.2: Illustration of the far-infrared principle. It warms people and objects directly, providing gentle and pleasant heat without significantly heating the air, similar to how sunlight works.

Image 5.3: A person and a dog relaxing under the infrared heater, demonstrating the comfortable and direct warmth provided.

## 5.2 LED Lighting Function

The integrated LED light offers adjustable color temperature and brightness.

- **Light On/Off:** Press the light power button on the remote control to turn the LED light on or off.
- **Brightness Adjustment:** Use the **Brightness+** and **Brightness-** buttons to increase or decrease the light intensity.
- **Color Temperature:** The LED light can switch between cool white (6000K) and warm white (3000K). Refer to the remote control for specific buttons to adjust color temperature.

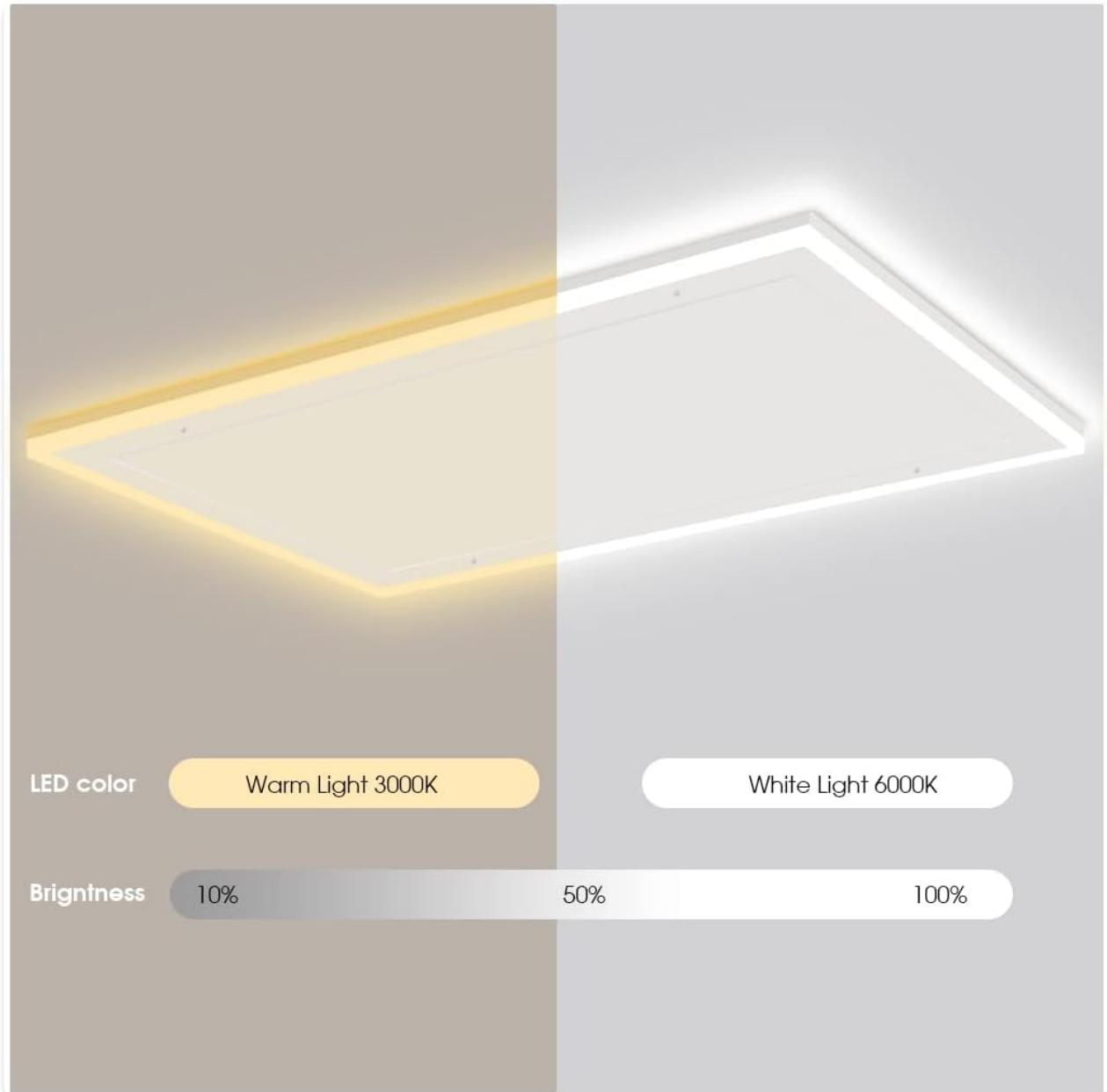


Image 5.4: Visual representation of the LED light options, showing warm light (3000K) and white light (6000K), along with brightness levels from 10% to 100%.

**Note: Both heating and lighting functions are exclusively controlled by the supplied remote control and cannot be operated via standard wall switches.**



**Heiz- und Beleuchtungsfunktionen können nur über die mitgelieferte Fernbedienung gesteuert werden, nicht über Wandschalter.**

Image 5.5: The heater with its remote control, emphasizing that heating and lighting functions are controlled solely by the remote, not by wall switches.

## 6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your heater.

- Always disconnect the power supply before cleaning or performing any maintenance.
- Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these may damage the finish.
- Ensure the heater is completely dry before reconnecting to power.
- Do not attempt to open or repair the heater yourself. Refer all servicing to qualified personnel.

## 7. TROUBLESHOOTING

If you encounter issues with your Byecold heater, refer to the following common problems and solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Heater does not turn on.	No power supply; remote control not paired; remote control batteries low.	Check power connection; re-pair remote control (Section 4.3); replace remote control batteries.
No heat output or insufficient heat.	Thermostat set too low; room size too large for heater wattage; heater in standby mode.	Increase set temperature; ensure heater wattage is appropriate for the room; check remote display for active heating mode. Note that infrared heats objects directly, not air, so ambient air temperature may not rise quickly.
LED light not working.	Light function off; remote control issue.	Press the light power button on the remote; check remote batteries.
Heater turns off unexpectedly.	Overheating protection activated; timer function set.	Disconnect power, allow to cool, then reconnect. Check if a timer was set for automatic shutdown.

If the problem persists after trying these solutions, please contact Byecold customer support.

## 8. SPECIFICATIONS

Feature	Specification
Brand	Byecold
Model Number	3H1206L-TH
Power Output	800W (as per title, specification says 840W, using 800W for consistency with title)
Dimensions (L x W x H)	128 cm x 63 cm x 3.3 cm
Weight	8 kg
Voltage	230 VAC
Energy Source	Corded Electric
Mounting Type	Ceiling Mount / Wall Mount
Special Features	Programmable Thermostat, LED Lighting (Cool White/Warm White, adjustable brightness), Overheating Protection
Heating Method	Heat Radiation (Infrared)
Indoor/Outdoor Use	Indoor

## 9. WARRANTY AND SUPPORT

Byecold is committed to product quality and customer satisfaction. All products undergo strict quality control before leaving the factory.

For any questions regarding your product, technical assistance, or warranty claims, please contact Byecold customer support. Our team is available to provide a prompt response within 24 hours.

For returns or replacements, a dedicated warehouse is set up to handle these issues efficiently.

Please refer to your purchase documentation for specific warranty terms and conditions.

You can find more information and contact details on the official Byecold store:[Byecold Store](#)