

byecold 660W+WiFi

byecold 660W+WiFi Infrared Ceiling Heater User Manual

Model: 660W+WiFi

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your byecold 660W+WiFi Infrared Ceiling Heater. Please read these instructions carefully before installation and operation, and retain them for future reference. This infrared heater is designed for ceiling installation, offering an efficient, comfortable, and healthy heating system for various indoor spaces.

The product utilizes infrared technology and features integrated wireless temperature control, enabling remote operation. Its design allows for easy installation without occupying floor space, making it suitable for rooms that are challenging to heat with traditional methods.

2. IMPORTANT SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in fire, electric shock, or injury.

- Always ensure the heater is unplugged or the power supply is disconnected before performing any installation, maintenance, or cleaning.
- This appliance is for indoor use only. Do not use outdoors or in wet conditions.
- Do not cover the heater. Covering the heater can lead to overheating and fire.
- Maintain a safe distance from flammable materials such as curtains, furniture, and other combustible items.
- Ensure the electrical supply matches the voltage and wattage specified on the product label.
- Do not operate the heater with a damaged cord or plug, or after the appliance malfunctions or has been dropped or damaged in any manner.
- Keep children and pets away from the heater during operation. The surface of the heater can become hot.
- Installation should be performed by a qualified electrician if you are unsure about electrical connections.
- The heater is equipped with overheating protection. If it overheats, it will automatically shut off. Unplug the unit and allow it to cool before restarting.

3. PACKAGE CONTENTS

Please check the package contents upon unpacking. If any items are missing or damaged, contact customer support.

- byecold 660W+WiFi Infrared Ceiling Heater
- Remote Control
- Mounting Accessories (screws, anchors, drilling template)
- User Manual

4. SETUP AND INSTALLATION

The byecold infrared ceiling heater is designed for easy installation on various ceiling types, including integrated ceilings, plaster ceilings, concrete ceilings, and wooden ceilings. Ensure the chosen location can support the weight of the heater and provides the recommended heating area.

4.1 Choosing an Installation Location

- For the 660W model, a recommended heating area is 7-9 m².
- Ensure there is adequate clearance around the heater as specified in the safety guidelines.
- Avoid installing directly above areas where people will be in prolonged contact with the heater's surface.

4.2 Installation Steps

1. **Preparation:** Turn off the main power supply at the circuit breaker before beginning installation.
2. **Marking:** Use the provided drilling template to mark the precise drilling points on the ceiling.
3. **Drilling:** Drill holes at the marked points using an appropriate drill bit for your ceiling material.
4. **Anchoring:** Insert the supplied anchors into the drilled holes.
5. **Mounting Brackets:** Secure the mounting brackets to the ceiling using the screws.
6. **Wiring:** Connect the electrical wiring of the heater to your household electrical system. This can be a direct wired connection or a plug-in connection. If hardwiring, ensure connections are secure and comply with local electrical codes. *Professional installation is recommended for hardwired connections.*
7. **Attaching Heater:** Carefully lift the heater and attach it to the mounting brackets, ensuring it is securely fastened.
8. **Final Check:** Double-check all connections and mounting points for stability. Restore power.

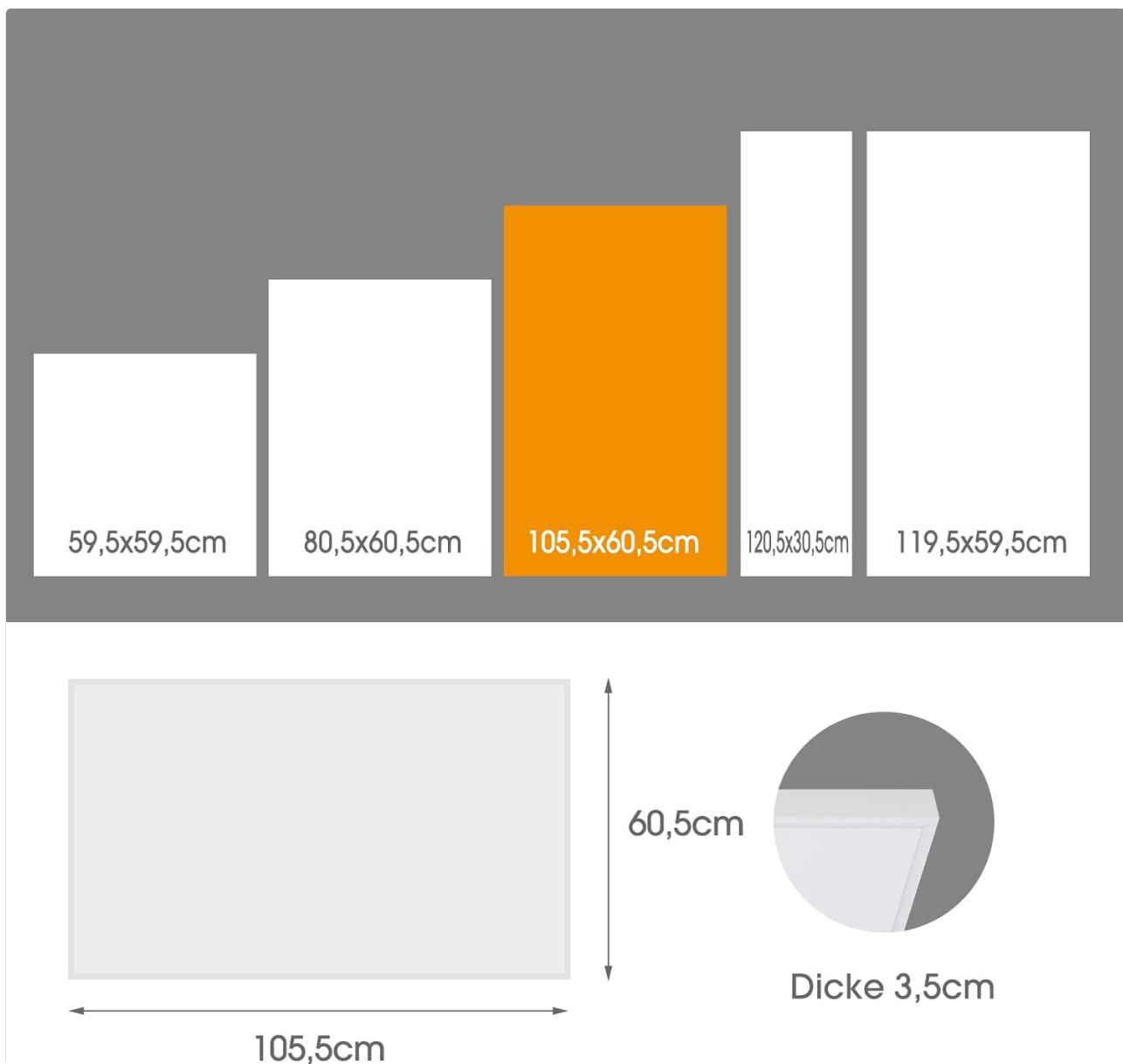


Figure 4.2.1: Dimensions of the byecold Infrared Ceiling Heater (660W model shown in orange, 105.5 x 60.5 x 3.5 cm).

5. OPERATING INSTRUCTIONS

Your byecold infrared ceiling heater can be controlled via the included remote control or through a smartphone application (WiFi models only).

5.1 Remote Control Operation

The remote control allows for basic functions such as power on/off, temperature adjustment, and setting the child lock.

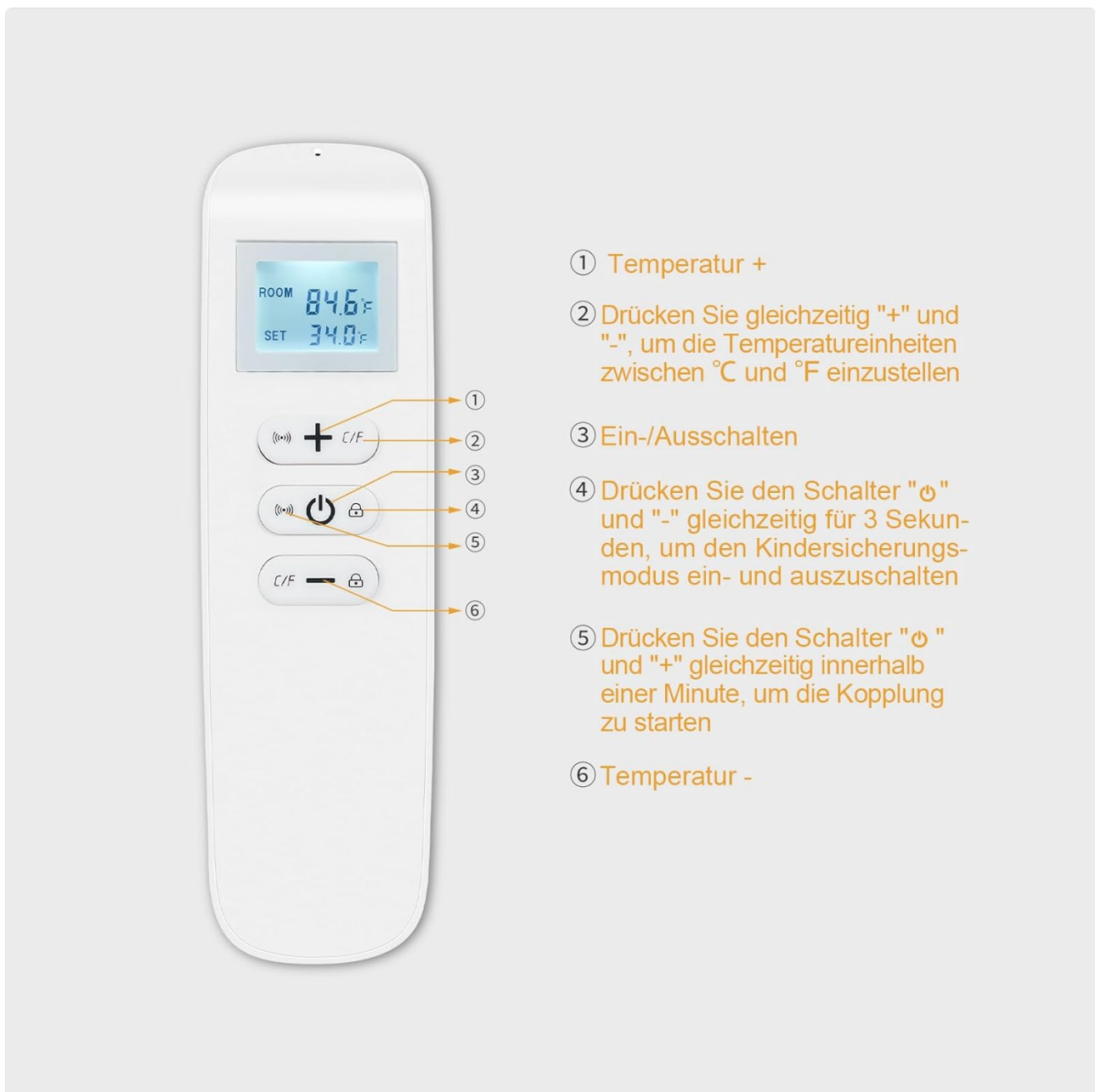


Figure 5.1.1: Remote Control Layout and Functions.

- ① **Temperatur +**
 - ② **Drücken Sie gleichzeitig "+" und "-", um die Temperatureinheiten zwischen °C und °F einzustellen**
 - ③ **Ein-/Ausschalten**
 - ④ **Drücken Sie den Schalter "⏻" und "-" gleichzeitig für 3 Sekunden, um den Kindersicherungsmodus ein- und auszuschalten**
 - ⑤ **Drücken Sie den Schalter "⏻" und "+" gleichzeitig innerhalb einer Minute, um die Kopplung zu starten**
 - ⑥ **Temperatur -**
1. **Temperature +:** Increases the target temperature.
 2. **Temperature Unit Switch:** Press "+" and "-" simultaneously to switch between Celsius (°C) and Fahrenheit (°F).
 3. **Power On/Off:** Toggles the heater's power state.
 4. **Child Lock:** Press the power button and "-" simultaneously for 3 seconds to activate/deactivate the child lock.
 5. **Pairing:** Press the power button and "+" simultaneously within one minute of powering on to initiate pairing with the app.
 6. **Temperature -:** Decreases the target temperature.

5.2 App Control (WiFi Models)

For models with WiFi functionality, you can control your heater remotely using a dedicated smartphone application. This allows for advanced features such as programming, timers, and precise temperature control.

1. **Download App:** Search for the byecold app in your smartphone's app store.
2. **Registration:** Follow the in-app instructions to create an account and register your device.

3. **Pairing:** Ensure your heater is in pairing mode (refer to remote control instructions above). Follow the app's instructions to connect your heater to your home WiFi network.
4. **Remote Operation:** Once paired, you can control the heater from anywhere, setting schedules, adjusting temperature, and monitoring its status.



Figure 5.2.1: Remote control via smartphone app, allowing you to turn on your heater before arriving home.

5.3 About Infrared Heating

Infrared heating works by directly warming objects and people in a room, similar to how sunlight provides warmth. Unlike traditional convection heaters that warm the air, infrared heaters emit radiant heat that is absorbed by surfaces. This method can lead to a more consistent and comfortable warmth, and the room temperature may not drop immediately even after the heater is turned off, as the absorbed heat is gradually released.

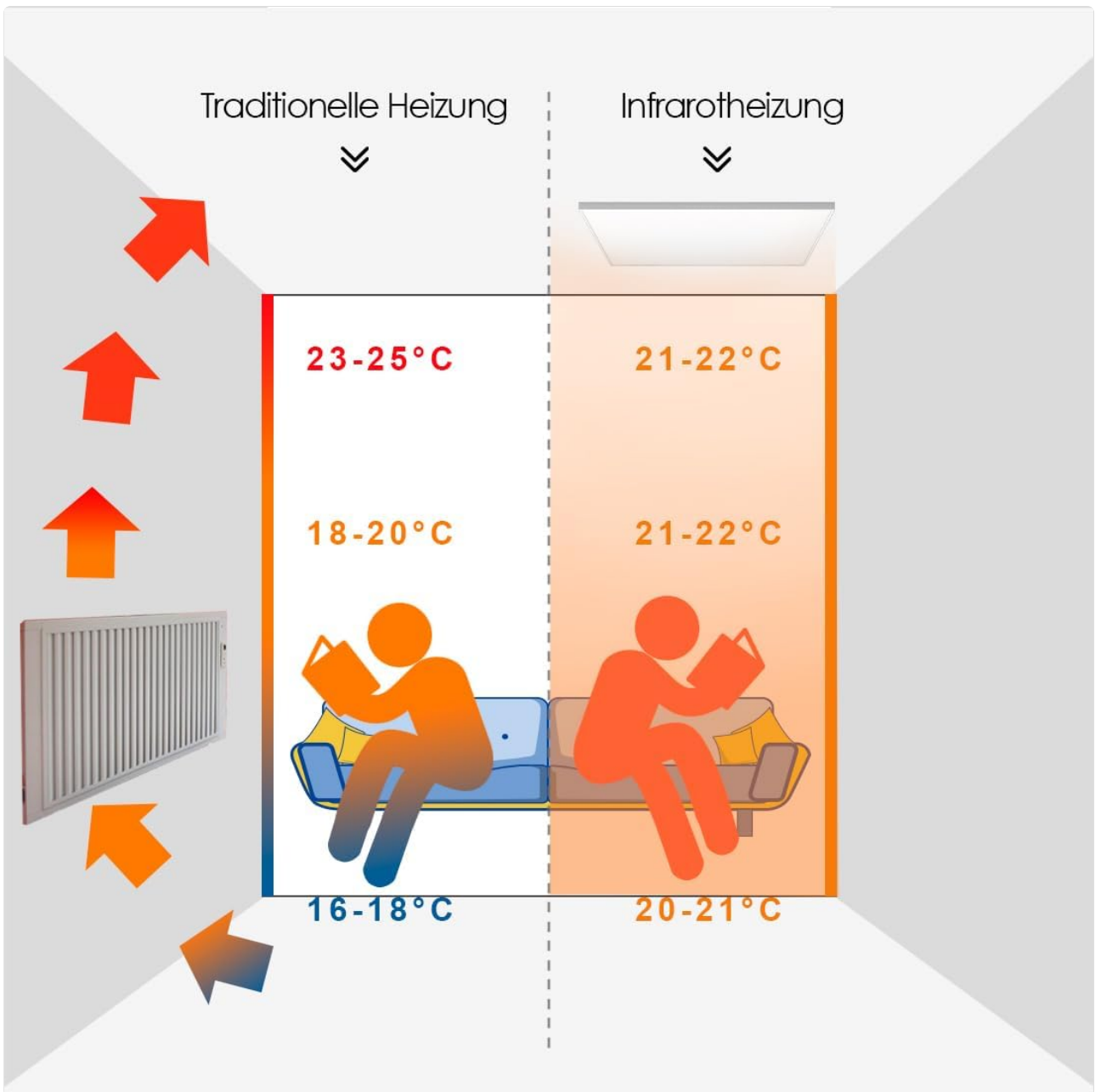


Figure 5.3.1: Comparison of Infrared Heating vs. Traditional Heating, showing more uniform heat distribution with infrared.

Leise Heizung, Kein Lärm



Figure 5.3.2: The byecold heater operates quietly, typically between 0-20dB, ensuring a peaceful environment.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your byecold infrared ceiling heater.

- **Cleaning:** Before cleaning, always ensure the heater is turned off and unplugged from the power source. Allow the unit to cool completely. Wipe the exterior surface with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish.
- **Storage:** If storing the heater for an extended period, clean it thoroughly and store it in a dry, dust-free location.
- **No User-Serviceable Parts:** The heater contains no user-serviceable parts. Do not attempt to open or repair the unit yourself. Refer all servicing to qualified service personnel.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Heater does not turn on.	No power supply. Power switch is off. Overheating protection activated.	Check if the power cord is securely plugged in and the outlet is functional. Ensure the main power switch on the heater or remote is on. Unplug the heater, allow it to cool for 30 minutes, then plug it back in.
No heat output.	Temperature setting is too low. Heater is in standby mode.	Increase the target temperature using the remote or app. Ensure the heater is actively heating and not just powered on.
Remote control not working.	Batteries are dead or incorrectly inserted. Obstruction between remote and heater.	Replace batteries with new ones, ensuring correct polarity. Remove any objects blocking the signal path.
App connectivity issues.	Incorrect WiFi password. Heater not in pairing mode. Router issues.	Verify WiFi password. Ensure the heater is in pairing mode (refer to Section 5.1). Restart your WiFi router and try pairing again.

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

8. SPECIFICATIONS

Feature	Detail
Brand	byecold
Model	660W+WiFi
Power Output	660W
Dimensions (L x W x H)	105.5 x 60.5 x 3.5 cm
Recommended Heating Area	7-9 m ²
Special Features	WiFi Connectivity, Remote Control, Overheating Protection, Programmable Thermostat
Mounting Type	Ceiling Mount

Feature	Detail
Heating Method	Radiant
Power Source	Corded Electric
Usage Environment	Indoor

9. CUSTOMER SUPPORT AND QUALITY ASSURANCE

byecold is committed to providing high-quality products and excellent customer service. All products undergo strict quality control before leaving the factory.

- **Returns and Exchanges:** A dedicated process is in place to handle any return or exchange issues efficiently.
- **Technical Support:** A customer support team is available to respond to all product-related inquiries within 24 hours.

For further assistance or inquiries, please refer to the contact information provided with your purchase or visit the official byecold website.