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## Quality Heating HH-Serie 700W

# Quality Heating QH-HH 700W Infrared Heating Panel User Manual

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## 1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your Quality Heating QH-HH 700W Infrared Heating Panel. Please read these instructions carefully before installation and operation, and retain them for future reference.

The Quality Heating QH-HH infrared panel is a 700-watt radiant heater designed for efficient heating. It features an elegant white frame and additional insulation on the back, which contributes to a higher surface temperature and more powerful radiant heat output. Constructed entirely from aluminum, the panel is lightweight and durable. Its IP52 rating ensures safety and water resistance, making it suitable for various indoor spaces such as hallways, living rooms, recreation rooms, bathrooms, and even covered outdoor areas like verandas.



Figure 1: Quality Heating QH-HH 700W Infrared Heating Panel, front view.

## 2. IMPORTANT SAFETY INFORMATION

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

## property damage.

- Read all instructions before using this heater.
- This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces.
- Extreme caution is necessary when any heater is used by or near children or invalids and whenever the heater is left operating and unattended.
- Do not operate any heater with a damaged cord or plug or after the heater malfunctions, has been dropped or damaged in any manner. Return heater to authorized service facility for examination, electrical or mechanical adjustment, or repair.
- Do not use outdoors unless specifically rated for outdoor use (IP52 rating allows for covered outdoor use, e.g., under a veranda).
- Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Arrange cord away from traffic area and where it will not be tripped over.
- To disconnect heater, turn controls to off, then remove plug from outlet.
- Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the heater.
- To prevent a possible fire, do not block air intakes or exhaust in any manner. Do not use on soft surfaces, like a bed, where openings may become blocked.
- A heater has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint, or flammable vapors or liquids are used or stored.
- Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.
- Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).
- Ensure the electrical supply matches the voltage and wattage requirements of the heater.
- Professional installation by a qualified electrician is recommended for permanent wiring.

## 3. SETUP & INSTALLATION

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The Quality Heating QH-HH infrared panel is designed for easy ceiling mounting. Due to its electrical nature, professional installation is recommended.

### 3.1 Unpacking

1. Carefully remove the heating panel from its packaging.
2. Inspect the panel for any signs of damage during transit. If damage is found, do not proceed with installation and contact your supplier.
3. Retain packaging materials for future transport or storage if needed.

### 3.2 Choosing a Location

- The panel is suitable for ceiling installation in various indoor rooms (hallway, living room, recreation room, bathroom).
- It can also be installed in covered outdoor areas, such as under a veranda, thanks to its IP52 water resistance rating.
- Ensure the chosen location has adequate structural support for the panel's weight (approximately 4 kg).
- Maintain appropriate distances from flammable materials, curtains, and other objects as per local regulations and safety guidelines.

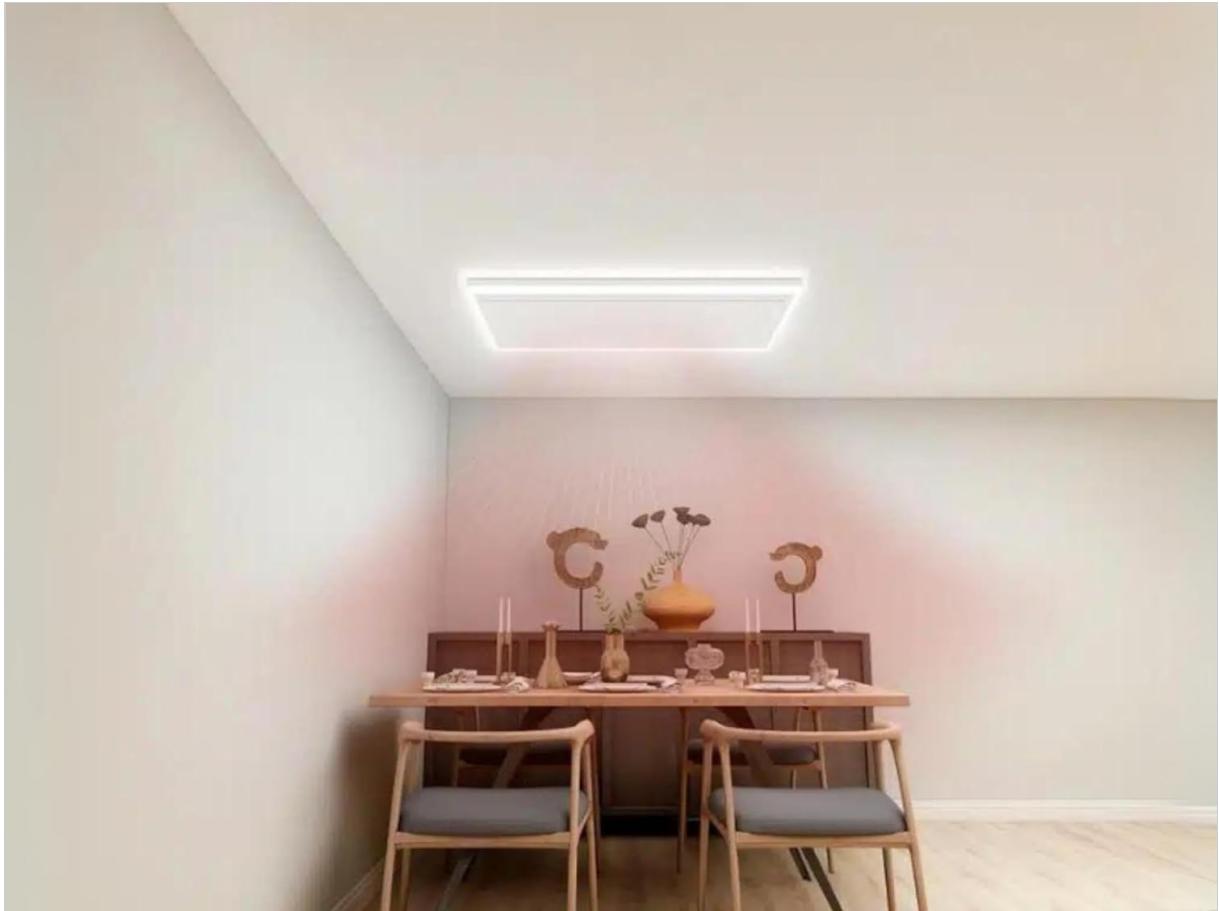


Figure 2: Example of the infrared heating panel installed on a dining room ceiling.

### 3.3 Mounting the Panel

The panel is designed for ceiling mounting. Specific mounting hardware (e.g., brackets, screws) should be included or purchased separately based on your ceiling type. The panel features additional insulation on the back, which helps direct heat forward efficiently.

1. Mark the drilling points on the ceiling according to the panel's mounting holes.
2. Drill holes and insert appropriate wall plugs if necessary.
3. Secure the mounting brackets (if applicable) to the ceiling.
4. Carefully lift the panel and attach it to the mounting brackets or directly to the ceiling using the provided or suitable screws. Ensure it is securely fastened.



Figure 3: Close-up view of the panel's corner, illustrating frame and potential mounting points.

### 3.4 Electrical Connection

This panel operates on an electrical cable. It is crucial that the electrical connection is performed by a qualified electrician to ensure safety and compliance with local electrical codes.

- Ensure the main power supply to the circuit is turned off before making any electrical connections.
- Connect the panel's electrical cable to a suitable power source, typically a dedicated circuit or a

switched outlet.

- Verify all connections are secure and properly insulated.
- Once connected, restore power and test the unit.

## 4. OPERATING INSTRUCTIONS

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The Quality Heating QH-HH 700W Infrared Heating Panel provides efficient radiant heat. Operation is straightforward once properly installed.

### 4.1 Turning On/Off

- If connected to a wall switch or thermostat, simply use the switch or thermostat to turn the panel on or off.
- When the panel is on, it will begin to emit radiant heat. The surface will become warm to the touch.
- Allow some time for the panel to reach its optimal operating temperature and for the radiant heat to effectively warm the room.



Figure 4: The infrared heating panel providing warmth in a living room setting.

### 4.2 Radiant Heating Principle

Infrared heating panels work by emitting infrared radiation, which directly heats objects and surfaces in a room, rather than just the air. This results in a comfortable, even heat distribution and can be more energy-efficient than traditional convection heaters. The 700W output is designed to provide powerful warmth for its intended space.

## 5. MAINTENANCE

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The Quality Heating QH-HH Infrared Heating Panel requires minimal maintenance to ensure optimal performance and longevity.

## 5.1 Cleaning

- Always ensure the panel is turned off and completely cool before cleaning.
- Wipe the surface of the panel with a soft, dry, or slightly damp cloth.
- Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the panel's finish.
- Avoid spraying water directly onto the panel.

## 5.2 Storage

If storing the panel for an extended period, ensure it is clean, dry, and stored in its original packaging or a protective covering in a cool, dry place.

## 6. TROUBLESHOOTING

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If you encounter issues with your Quality Heating QH-HH Infrared Heating Panel, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Panel does not turn on.	No power supply. Faulty wiring/connection. Blown fuse/tripped circuit breaker.	Check if the power switch is on. Verify the electrical connection is secure (consult an electrician if unsure). Check your home's fuse box or circuit breaker panel.
Insufficient heat output.	Room size too large for panel wattage. Poor room insulation. Panel obstructed.	Ensure the panel's wattage is appropriate for the room size. Improve room insulation. Ensure no objects are blocking the panel's radiant heat path.
Unusual noises or smells.	Initial use (new product smell). Internal fault.	A slight odor during initial use is normal and should dissipate. If persistent or strong, immediately turn off the panel, disconnect power, and contact customer support.

If the problem persists after attempting these solutions, please contact Quality Heating customer support or a qualified technician.

## 7. SPECIFICATIONS

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Detailed technical specifications for the Quality Heating QH-HH 700W Infrared Heating Panel:

Feature	Specification
Brand	Quality Heating
Model Number	HH-Serie
Power Output	700 Watts

Feature	Specification
Color	White
Item Weight	4 Kilograms
Special Feature	Additional insulation at the back
IP Rating	IP52 (Water-resistant)
Form Factor	Ceiling Mount
Indoor/Outdoor Use	Indoor / Covered Outdoor (e.g., veranda)
Power Source	Electric Cable
Heating Method	Radiant
Material	Aluminum
Country of Origin	Netherlands



Figure 5: Side profile of the infrared heating panel, highlighting its slim design.

## 8. WARRANTY & SUPPORT

### 8.1 Warranty Information

Specific warranty details for the Quality Heating QH-HH 700W Infrared Heating Panel are typically provided with your purchase documentation or can be found on the official Quality Heating website. Please refer to these resources for information regarding warranty duration, coverage, and terms.

### 8.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact Quality Heating customer support. Contact information can usually be found on the product packaging, the official Quality Heating website, or your purchase invoice.