HJM CES06

HJM CES-06 Ceramic Thermal Emitter 750W User Manual

Model: CES-06 | Brand: HJM

1. Introduction

This manual provides essential information for the safe and efficient operation of your HJM CES-06 Ceramic Thermal Emitter. Please read these instructions carefully before installation and use, and retain them for future reference. The HJM CES-06 is a dry technology thermal emitter designed for internal use, featuring refractory material blocks for enhanced thermal inertia and a digital programmable chronothermostat for precise temperature control.

Image 1: The HJM CES-06 Ceramic Thermal Emitter installed in a living space.

2. Safety Instructions

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury.

- Ensure the power supply voltage matches the rating label on the emitter.
- Do not cover the emitter or obstruct its air vents.
- Keep flammable materials away from the emitter.
- Do not operate the emitter with a damaged cord or plug.
- Avoid placing the emitter directly below a power outlet.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- Disconnect the emitter from the power supply before cleaning or maintenance.

3. Package Contents

Verify that all components are present and undamaged upon opening the package.

- 1 x HJM CES-06 Ceramic Thermal Emitter

- 1 x Wall mounting bracket set
- 1 x User Manual (this document)



Image 2: The HJM CES-06 Ceramic Thermal Emitter unit.

4. Setup and Installation

The HJM CES-06 is designed for wall mounting. Ensure the installation location is suitable and follow these steps:

1. **Choose Location:** Select a wall location away from curtains, furniture, and other flammable materials. Ensure there is adequate clearance around the emitter for proper heat distribution.
2. **Mark Drilling Points:** Use the provided wall mounting bracket as a template to mark the drilling points on the wall.
3. **Drill Holes:** Drill holes at the marked points using an appropriate drill bit for your wall type.
4. **Insert Wall Plugs:** Insert the wall plugs into the drilled holes.
5. **Attach Bracket:** Secure the wall mounting bracket to the wall using the screws provided.
6. **Mount Emitter:** Carefully lift the emitter and hook it onto the wall mounting bracket. Ensure it is securely seated.
7. **Connect Power:** Plug the emitter into a suitable electrical outlet.



Image 3: Installation requires basic tools, such as a screwdriver.

5. Operating Instructions

The HJM CES-06 features a digital chronothermostat with various operating modes. The LED display provides clear information.



Image 4: Digital control panel with LED display and mode indicators.

5.1. Control Panel Overview

The control panel consists of an LED display and several buttons for navigation and setting adjustments. Refer to Image 4 for button layout.

- **LED Display:** Shows current temperature, time, and active mode.
- **Mode Buttons:** Select between different operating modes (Timer, Comfort, Auto, Economic, Anti-freeze, Program).
- **+/- Buttons:** Adjust temperature settings or navigate menu options.
- **OK Button:** Confirm selections.

5.2. Operating Modes

- **Manual Function:** Allows users to set up to 4 customizable programs by hour, day, or week for precise consumption control.
- **Automatic Function:** Features 9 pre-established factory programs for simpler configuration.
- **Timer Mode:** Sets a specific duration for operation.
- **Comfort Mode:** Maintains a comfortable temperature.
- **Economic Mode:** Operates at a lower temperature to save energy.
- **Anti-freeze Mode:** Prevents the room temperature from dropping below a critical level (e.g., 5°C) to protect against freezing.

5.3. Programming the Chronothermostat

Detailed programming instructions are provided in the full manual. Generally, you will:

1. Press the 'Program' button to enter programming mode.
2. Use the '+/-' buttons to select a program slot (for manual mode) or a preset program (for automatic mode).
3. Adjust desired temperatures for different time periods using the '+/-' buttons.
4. Confirm settings with the 'OK' button.

The emitter also features an **Intelligent Ignition System** for optimized heating and an **Open Window Detector** which temporarily pauses heating if a sudden drop in temperature is detected, saving energy. A **Consumption Indicator** provides feedback on energy usage, and a **Keypad Lock** function prevents accidental changes to settings.

6. Maintenance

Regular maintenance ensures the longevity and efficient operation of your HJM CES-06 emitter.

- **Cleaning:** Disconnect the emitter from the power supply before cleaning. Use a soft, damp cloth to wipe the exterior. Do not use abrasive cleaners or solvents.
- **Dust Removal:** Periodically remove dust from the air vents using a soft brush or vacuum cleaner attachment to ensure proper airflow.
- **Inspection:** Regularly inspect the power cord and plug for any signs of damage. If damage is found, contact qualified service personnel.

7. Troubleshooting

If you encounter issues with your HJM CES-06, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Emitter does not turn on.	No power supply; power cord not plugged in; circuit breaker tripped.	Check power connection; ensure outlet is functional; reset circuit breaker.
Emitter not heating effectively.	Incorrect temperature setting; open window detected; vents obstructed.	Increase target temperature; close windows/doors; clear any obstructions from vents.
Display shows an error code.	Internal malfunction or sensor error.	Refer to the full manual for specific error codes or contact customer support.
Keypad is unresponsive.	Keypad lock is active.	Deactivate the keypad lock function as per the full manual instructions.

8. Specifications

Model	CES-06
Brand	HJM
Type	Ceramic Thermal Emitter (Dry Technology)
Power	750 W
Material	Aluminum

Color	White
Dimensions (L x W x H)	62.5 x 10 x 58 cm
Control	Digital Programmable Chronothermostat with LED display
Special Features	Intelligent Ignition System, Open Window Detector, Consumption Indicator, Keypad Lock
Included Components	Emitter unit, Wall mounting bracket set
Use	Internal

Image 5: The emitter's design incorporates refractory material for great thermal inertia.

9. Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official HJM website. Keep your purchase receipt as proof of purchase.

Manufacturer: HJM
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