

BESTHERM NEMESIS HT10PYF

BESTHERM NEMESIS 2000W Electric Dry Inertia Radiator User Manual

Model: NEMESIS HT10PYF

1. INTRODUCTION

Thank you for choosing the BESTHERM NEMESIS 2000W Electric Dry Inertia Radiator. This appliance is designed to provide optimal thermal comfort in your living spaces and kitchen, combining rapid temperature rise with prolonged heat diffusion. This manual provides essential information for the safe installation, operation, and maintenance of your new radiator. Please read it carefully before use and keep it for future reference.

2. SAFETY INSTRUCTIONS

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

- Always disconnect the radiator from the power supply before cleaning or performing any maintenance.
- Do not cover the radiator or obstruct its air vents, as this can lead to overheating.
- Ensure the radiator is installed in a location where it is not exposed to direct water spray. The appliance has an IP24 rating, meaning it is protected against splashing water.
- Keep flammable materials (curtains, furniture, paper, etc.) at a safe distance from the radiator.
- 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.
- The radiator is equipped with a child safety lock and overheat protection for enhanced safety.
- For electrical connections, it is highly recommended to consult a qualified electrician.

3. PRODUCT OVERVIEW AND FEATURES

The BESTHERM NEMESIS radiator is designed for efficiency and modern aesthetics. Its sleek, horizontal white design integrates seamlessly into any home decor.

Key Features:

- **Dual Heating Core:** Combines a cast iron core with a heating film for rapid temperature rise and gentle, homogeneous heat distribution without drying the air.
- **Dry Inertia Technology:** Ensures prolonged heat diffusion, even after the appliance is turned off, contributing to energy savings.
- **Intuitive Programming:** Features an LCD screen and tactile interface for easy control. Choose from 3 pre-set weekly programs (P1/P2/P3) or customize your own.
- **Pilot Wire Compatibility:** Supports 6 pilot wire modes for advanced control: Comfort, Comfort -1°C, Comfort -2°C, Eco, Frost Protection, and Off.
- **Smart Functions:** Includes an automatic open window detector to prevent energy waste, a child safety lock, and overheat protection.



Figure 1: Front view of the BESTHERM NEMESIS 2000W Electric Radiator.

INSTALLATION & PROGRAMMATION



Scannez ce QR CODE

Découvrez nos vidéos de programmation & d'installation!

Figure 2: The NEMESIS radiator installed in a living room, showcasing its discreet design.

RACCORDEMENT

Cet appareil se branche en **triphasé**.

Toujours brancher le Neutre et la Phase.



Raccorder le fil Noir uniquement pour un contrôle via un thermostat central.

Ne pas connecter à la terre !

Fil Marron (ou rouge) = Phase

Fil Bleu = Neutre

Fil Noir

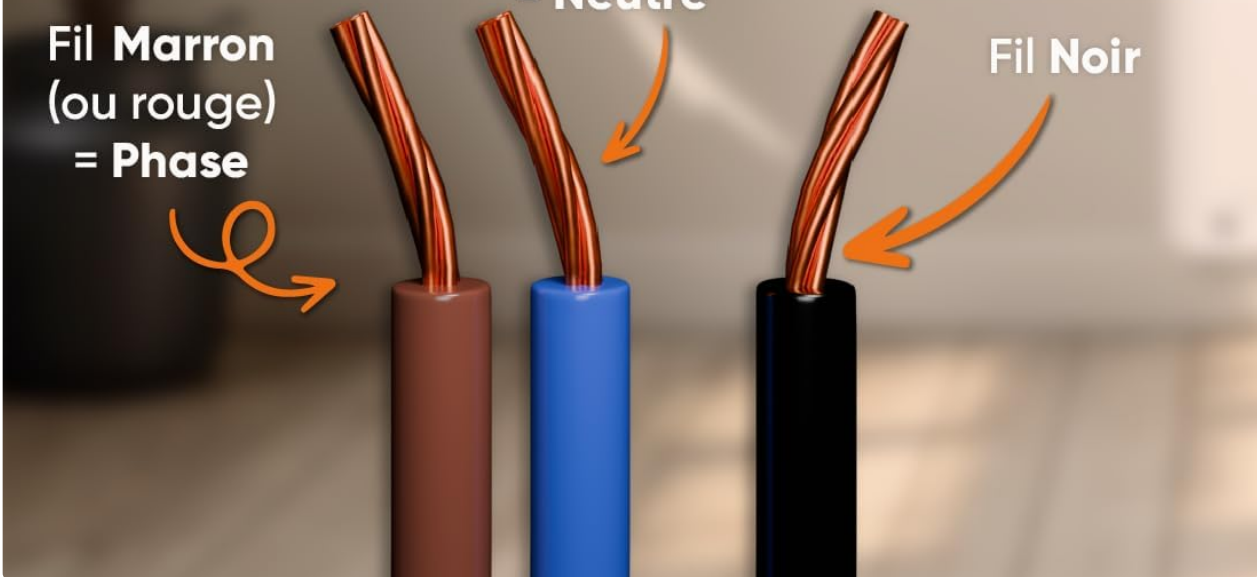


Figure 3: Diagram illustrating the dual heating core technology (cast iron + heating film).

4. INSTALLATION

The BESTHERM NEMESIS radiator is designed for wall mounting. All necessary fixings are included for a straightforward installation process.

4.1. Planning the Installation Location

- Choose a suitable wall location, ensuring sufficient clearance from furniture, curtains, and other obstructions for optimal heat distribution.
- Avoid installing directly under electrical outlets or in areas prone to direct water contact.
- Consider the dimensions of the radiator to ensure it fits the intended space.

NOTRE SAV FRANÇAIS

Notre service après-vente est basé en France, rapide et efficace pour garantir votre satisfaction.



BV Cert. 22547021
service client



FAQ en ligne
sur notre **site internet**
www.bestherm.fr/pages/faq



Assistance **téléphonique**
03 20 47 05 37



Assistance par **mail**
sav@hom-y.fr

Figure 4: Radiator dimensions and weight for installation planning.

4.2. Mounting the Radiator

1. Mark the drilling points on the wall according to the provided mounting bracket template.
2. Drill holes and insert appropriate wall plugs.
3. Secure the mounting brackets to the wall.
4. Carefully hang the radiator onto the brackets, ensuring it is level and securely seated.

4.3. Installation Videos

For detailed visual guidance on installation, scan the QR code below or visit the BESTHERM YouTube channel.

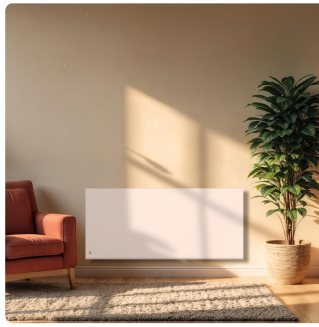


Figure 5: Scan this QR code for installation and programming videos. [Visit BESTHERM YouTube Channel](#)

5. ELECTRICAL CONNECTION

IMPORTANT: All electrical work should be carried out by a qualified electrician in accordance with local regulations.

The NEMESIS radiator requires a single-phase electrical connection with a pilot wire for advanced control features.

- Always connect the Neutral (Blue wire) and the Phase (Brown or Red wire).
- The Black wire is for connecting to a central thermostat for control purposes only.
- **DO NOT connect the appliance to an earth/ground wire.**



Figure 6: Electrical wiring diagram. Brown/Red = Phase, Blue = Neutral, Black = Pilot Wire (for central thermostat control only).
Do not connect to ground.

6. OPERATION AND PROGRAMMING

Your NEMESIS radiator features an intuitive digital display and tactile controls for easy programming and operation.

6.1. Basic Operation

- **Power On/Off:** Use the main power switch (if available) or the control panel to turn the radiator on or off.

- **Temperature Adjustment:** Use the '+' and '-' buttons on the tactile interface to set your desired temperature.

6.2. Programming Modes

The radiator offers flexible programming options to suit your lifestyle and optimize energy consumption.

- **Pre-set Weekly Programs (P1/P2/P3):** Select one of the three pre-configured weekly programs for common heating schedules. Refer to the on-screen menu for details of each program.
- **Customizable Weekly Program:** Create and save your own personalized heating schedule for each day of the week.

6.3. Pilot Wire Modes (if connected to a central thermostat)

If your radiator is connected via a pilot wire, you can select from the following 6 modes:

1. **Comfort:** Maintains the set comfort temperature.
2. **Comfort -1°C:** Maintains a temperature 1°C below the set comfort temperature.
3. **Comfort -2°C:** Maintains a temperature 2°C below the set comfort temperature.
4. **Eco:** Maintains an economy temperature, typically lower than comfort.
5. **Frost Protection:** Maintains a minimum temperature (e.g., 7°C) to prevent freezing.
6. **Off:** Turns the heating off.

6.4. Smart Features

- **Open Window Detector:** The radiator automatically detects open windows and temporarily stops heating to save energy. Heating resumes when the window is closed.
- **Child Safety Lock:** Activates a lock on the control panel to prevent accidental changes by children. Refer to the on-screen menu for activation/deactivation instructions.

7. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your radiator.

- **Cleaning:** Before cleaning, ensure the radiator is switched off and disconnected from the power supply. Allow it to cool completely. Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals.
- **Dust Removal:** Periodically remove dust from the air vents using a soft brush or vacuum cleaner attachment to maintain optimal airflow.
- **Inspection:** Regularly check the power cord for any signs of damage. If damaged, it must be replaced by a qualified professional to avoid hazards.

8. TROUBLESHOOTING

If you encounter issues with your BESTHERM NEMESIS radiator, please refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Radiator does not turn on.	No power supply. Main switch off. Circuit breaker tripped.	Check if the radiator is properly plugged in. Ensure the main power switch is ON. Reset the circuit breaker in your electrical panel.
Radiator is on but not heating.	Temperature setting too low. Program mode set to 'Off' or 'Frost Protection'. Open window detected.	Increase the desired temperature setting. Check the current program mode and adjust if necessary. Close any open windows.
Radiator overheats and shuts off.	Air vents obstructed. Overheat protection activated.	Ensure nothing is covering the radiator or blocking its air vents. Disconnect from power, allow to cool, then restart. If the problem persists, contact support.
Control panel is unresponsive.	Child safety lock activated. Temporary electronic glitch.	Deactivate the child safety lock (refer to programming section). Disconnect from power for a few minutes, then reconnect.

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

9. SPECIFICATIONS

Feature	Specification
Model	NEMESIS HT10PYF
Power	2000W
Heating Surface	Up to 20m ²
Dimensions (H x L x P)	45 cm x 100 cm x 11.8 cm
Weight	12 kg
Voltage	230V
Material	Steel casing with Cast Iron + Heating Film core
Color	White
IP Rating	IP24
Certifications	NF, CE
Special Features	Digital display, Energy efficiency, Overheat protection, Programmable thermostat, Child lock, Open window detection

10. WARRANTY AND SUPPORT

BESTHERM is committed to providing reliable products and excellent customer service.

10.1. Warranty

This BESTHERM NEMESIS radiator comes with a **2-year warranty** from the date of purchase. Please retain your proof of purchase for any warranty claims. The warranty covers manufacturing defects under normal use conditions.

10.2. Customer Support

Our dedicated after-sales service is based in France, ensuring quick and effective assistance to guarantee your satisfaction.

CŒUR DE CHAUFFE

FONTE + FILM

- Montée en température **rapide**
- Chaleur **uniforme et douce**
- Confort **immédiat et durable**

Figure 7: BESTHERM After-Sales Service Information.

- **Online FAQ:** For quick answers to common questions, visit our website: www.bestherm.fr/pages/faq
- **Phone Assistance:** Contact our support team at **03 20 47 05 37**
- **Email Assistance:** Send your inquiries to sav@hom-y.fr

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