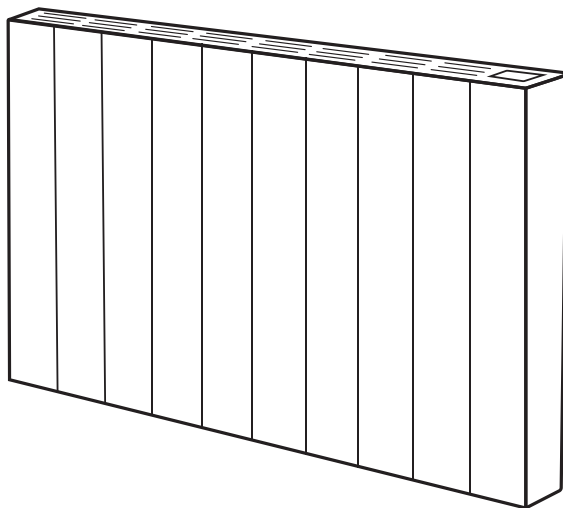




# NiDO Ceramic

Ceramic Core Electric Radiator

## User Manual



Please read and save these instructions

## GENERAL SAFETY INSTRUCTIONS



**Please read these instructions carefully before using the appliance for the first time. Keep these instructions, together with the guarantee, proof of purchase, and, if possible, the original packaging and all its contents for future reference.**

- Failure to follow the instructions and recommendations contained in this manual may invalidate the warranty.
- Before connecting the appliance, ensure that the mains supply voltage is 230 V and matches the voltage specified on the appliance rating label.
- Ensure that the electrical installation is capable of supplying the required power. The total current drawn by the radiators must not exceed the rating of the circuit breaker protecting the circuit.
- This radiator must not be used in rooms where flammable gases, solvents, adhesives, or other combustible products are present.
- **WARNING:** To prevent overheating, do not cover the appliance. Do not use the appliance to dry clothes or other items.
- Ensure that the power cable and any other objects do not come into contact with the surface of the radiator while it is in operation.
- If the power cable is damaged, it must be replaced by the manufacturer, its authorised service agent, or a similarly qualified person in order to avoid a hazard. Failure to comply may compromise safety and invalidate the warranty.
- Inspect the appliance and power cable regularly. Do not use the appliance if it is damaged.



**PRECAUTION:** Some parts of this product can reach very high temperatures and cause burns. Pay special attention when children or vulnerable people are around.

- Do not install or position the appliance directly below a power socket.
- Children under the age of 3 years must be kept away from the appliance unless continuously supervised.
- This appliance may be used by children aged 8 years and above, and by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, provided they have been given appropriate supervision or instruction concerning the safe use of the appliance and understand the hazards involved.
- Children must not play with the appliance. Cleaning and user maintenance must not be carried out by children without supervision.
- Children aged from 3 years to less than 8 years may only switch the appliance on or off if it has been installed or positioned in its intended normal operating position and they have been given supervision or instruction concerning the safe use of the appliance and understand the hazards involved.
- Children aged from 3 years to less than 8 years must not plug in, adjust, clean, or carry out any maintenance on the appliance.



**Warning:** Do not use this heater near baths, showers or swimming pools. It should not be possible to access the device's controls from the bath, shower or any other surface that is in contact with water (Its use in zones 0 or 1 in bathrooms is totally prohibited: seek advice from a qualified electrician).

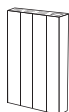
- For added safety, this appliance is fitted with an overheat protection device that automatically interrupts operation if overheating occurs.
- **This radiator is designed for wall-mounted installation only.** For installation instructions, see the "Installation and Wall Mounting" section of this manual.
- Use only accessories supplied or recommended by the manufacturer. The use of non-approved accessories may present a safety risk and damage the appliance.

- Keep all packaging materials, including plastic bags and cardboard, out of the reach of children.
- This appliance is intended for domestic and light commercial use only. Do not use it outdoors, in greenhouses, or for animal housing.
- Keep the appliance away from heat sources, direct sunlight, moisture, and sharp objects. Never immerse it in water or operate it with wet hands. If water enters the appliance, disconnect it from the power supply immediately and do not touch any wet parts.
- Do not attempt to repair the appliance yourself. Repairs must be carried out by a qualified technician.
- When disconnecting the appliance from the mains, pull the plug, not the power cable.

## SPECIFIC SAFETY INSTRUCTIONS FOR THIS DEVICE

- The appliance must always be installed in a vertical position.
- Ensure the appliance is securely mounted and complies with the minimum installation clearances specified in this manual.
- Do not hang or place any objects on or in front of the appliance.
- Ensure that the air inlet and outlet openings remain unobstructed at all times.
- Install the appliance away from combustible materials such as curtains and towels, taking into account possible air movement.
- For cleaning instructions, refer to the “Maintenance” section. Do not allow water to enter the air grilles, as this may damage the appliance.
- Do not insert objects into the air grilles or any openings in the appliance.
- This radiator is designed for wall-mounted installation and connection to the electrical supply via a plug. Follow the instructions in the “Installation” section.
- Failure to follow these instructions may invalidate the warranty.

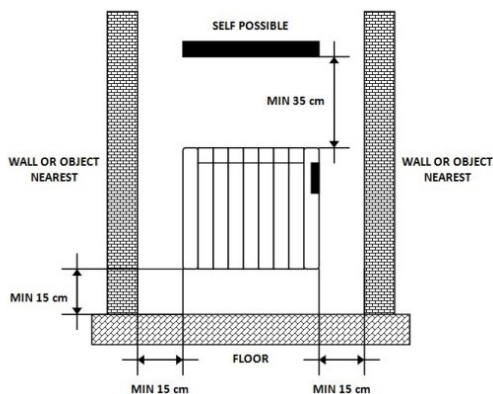
## PRODUCT OVERVIEW



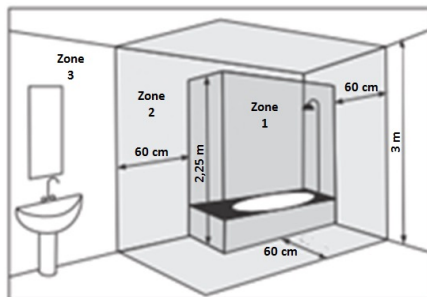
### SPECIFICATIONS:

| Model Number       | VANICCR5001                       | VANICCR10001 | VANICCR15001 | VANICCR20001 |
|--------------------|-----------------------------------|--------------|--------------|--------------|
| Rated Power        | 500W                              | 1000W        | 1500W        | 2000W        |
| Rated Voltage      | 230V ~ 50Hz                       |              |              |              |
| Dimensions (H x W) | 500 x 336mm                       | 500 x 504mm  | 500 x 672mm  | 500 x 855mm  |
| Dimensions (D)     | 75mm   100mm (including brackets) |              |              |              |
| Panel Elements     | 4                                 | 6            | 8            | 10           |
| Net Weight         | 5.4kg                             | 8.2kg        | 13.7kg       | 16.8kg       |

## INSTALLATION INSTRUCTIONS



- Minimum Distances -



**Zone 1:** Appliances supplied to Safety Extra Low Voltage (SELV).

**Zone 2:** Electrical Appliances Class II – IP X4

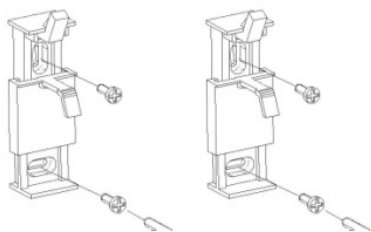
**Zone 3:** Electrical Appliances protected by RCD 30mA

- During initial use, the appliance may produce slight odours or noises as internal components expand with heat. This is normal and will disappear after a short period. Ensure the room is adequately ventilated during this time.
- For optimum performance, ensure the radiator output is suitable for the size of the room. If required, consult your retailer or installer for advice.
- Install the radiator on a solid, level wall, clear of furniture and other obstructions.
- Do not install the appliance in corners or directly beneath windows, as this may reduce heating efficiency.
- Maintain a minimum clearance of 15 cm from combustible materials such as curtains, furniture, and other furnishings (see Fig. 1).
- Allow at least 1 m of clear space in front of the appliance and maintain a minimum clearance of 15 cm from side walls and the floor. Leave at least 35 cm of unobstructed space above the appliance.



**WARNING:** If installed in a bathroom, this appliance must be located only in Zone 2 or outside the bathroom zones, in accordance with BS 7671 (Requirements for Electrical Installations, Section 701). Installation in Zones 0 and 1 is strictly prohibited. Figure 2 is provided for guidance only. Installation should be carried out by a qualified electrician.

## WALL MOUNTING



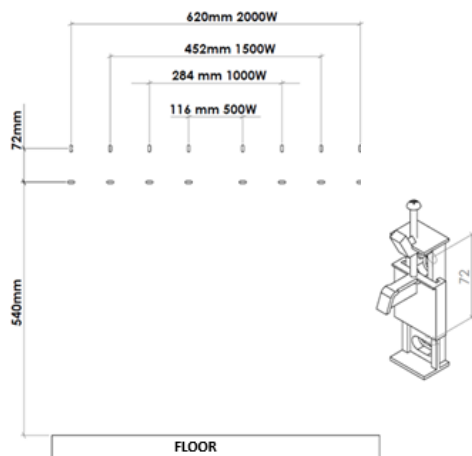
- Figure 3 -

The appliance is equipped with the following:

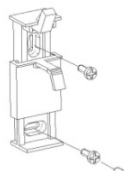
- 2 radiators suspension supports (Figure 3) and a leveling plastic plug (A).

Secure the appliance to the wall as follows:

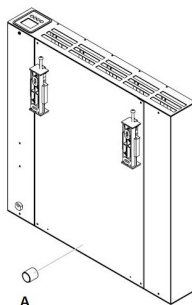
1. Mark the positions of the mounting holes, ensuring the correct height from the floor and spacing between the brackets, as shown in Figure 4.
2. Drill the holes and insert the wall plugs supplied. Fix the mounting brackets to the wall using the screws provided and ensure they are securely fastened (see Figure 5).
3. Fit the plastic plugs (A) to the rear lower section of the appliance, as shown in Figure 6.
4. Hang the appliance onto the wall brackets. Once in position, tighten the safety screw until it makes contact with the radiator and is fully secure (see Figure 7).



- Figure 4 -



- Figure 5 -



- Figure 6 -



- Figure 7 -

## ELECTRIC SUPPLY CONNECTION

This appliance is equipped with a supply cord H05V2V2-F 3x1.0mm<sup>2</sup>. Check the condition of your electrical installation and connection cables. Contact a licensed electrician for assistance.

# SETTING UP THE APP ON YOUR SMARTPHONE DEVICE

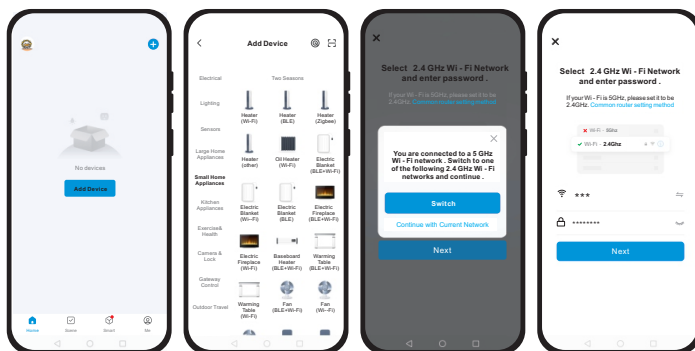
## 1 Download TUYA or Smart Life App

Scan the QR code below to download the Smart Life app to your mobile device. Alternatively, search for “Smart Life” or “Tuya” in the App Store (iOS) or Google Play Store (Android). Either app can be used to control the appliance.

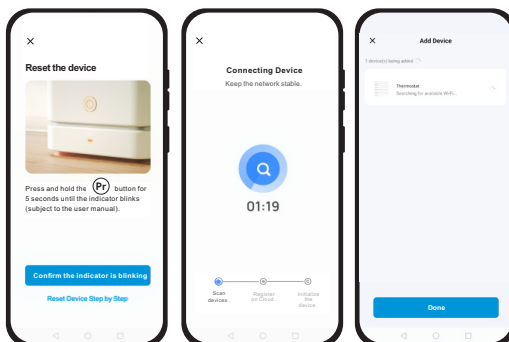


## 1. CONNECTING THE THERMOSTAT

### 2



### 3



To use the app, you will need to create an account. If you already have one, tap **Log In**.

Otherwise, tap **Sign Up**.

Once registered, tap the "+" icon in the top-right corner to add a device.

Ensure that Bluetooth and Location Services are enabled on your mobile device.

Tap **Add Device**. The thermostat should appear in the app.

To enable pairing mode on the thermostat, ensure it is in standby mode, then press and hold the **"Pr"** button until the menu appears.

Use the "+" button to navigate to **"AP"**, then press the **"M"** button to confirm.

The thermostat will enter pairing mode for the initial setup and then return to standby mode.

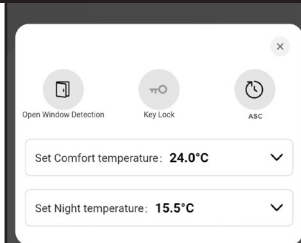
Select the thermostat in the app. When prompted, choose your Wi-Fi network and enter the password. The connection process may take a few seconds to complete.

## OPERATING MODES

All main operating modes are available from the home screen: Standby, Pilot Wire, Comfort, Eco, Night, Frost Protection, Chrono and Boost.

To access additional functions, including Open Window Detection, Key Lock and ASC, tap the settings icon in the top-right corner.

To enable or disable a function, tap the corresponding icon.



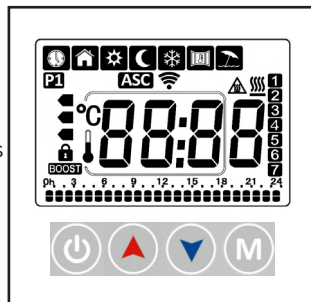
## PROGRAMMABLE DIGITAL THERMOSTAT - 4 KEYS

### ON / OFF (STANDBY)

Press the **On/Off (Stand-by) button**  to switch the radiator on or place it in standby mode. When the radiator is in standby mode, the current day and time are displayed. When switched on again, the radiator will return to the operating mode that was active before it was placed in standby.

### MAIN FUNCTIONS

Press the **Mode button**  repeatedly to scroll through the available operating modes until the desired mode is displayed.



### COMFORT MODE

Comfort mode maintains the room at the temperature set by the user.

To activate it, follow these steps:

1. Press the Mode Button  repeatedly until the Comfort icon  appears on the display.
2. Use  and  buttons to set the desired temperature. The minimum temperature setting is 0.5°C above the Eco mode temperature. The maximum temperature setting is 30°C.

### ECO MODE

Eco mode maintains the room at the selected economy temperature.

To activate Eco Mode:

1. Press the mode button  repeatedly until the Eco icon  appears on the display.
2. Use  and  buttons to set the desired temperature. The maximum value that can be set is equal to the COMFORT temperature minus 0.5°C. The minimum value is 7°C.

**NOTE:** The COMFORT and ECO temperatures are linked. The Eco temperature cannot be set higher than the Comfort temperature. During operation, either temperature can be adjusted using the arrow buttons.

FROST PROTECTION MODE

In Frost Protection Mode, the temperature is maintained at 7°C. This setting cannot be changed. To activate Frost Protection, press the Mode button  repeatedly until the frost protection icon  appears on the display.

HOLIDAY MODE

Holiday Mode activates Frost Protection Mode for a selected period. To activate Holiday Mode:

- 1. Press the mode button  repeatedly until the holiday icon  appears on the display.
- 2. Use  and  buttons to select the duration of the holiday period, from 12 hours to 40 days.

TURBO/BOOST MODE

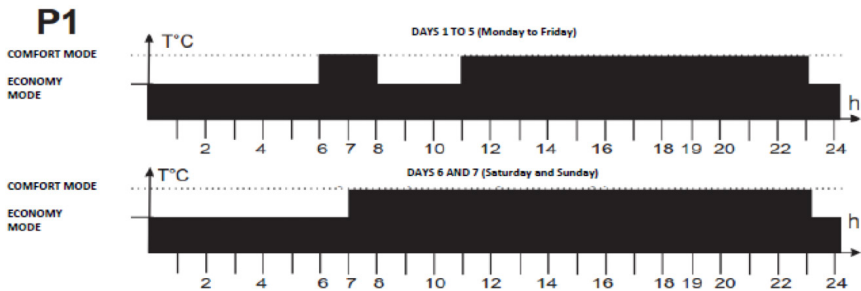
Turbo / Boost Mode operates the radiator at maximum output for a set period. To activate Turbo/Boost Mode:

- 1. Press the Mode Button  repeatedly until the Turbo/Boost icon  appears on the display.
  - 2. Use  and  buttons to select the TURBO/BOOST period between 5 to 120 minutes.
- During operation, the radiator heats at maximum output, while ensuring the room temperature does not exceed 30°C. When the timer expires, the radiator automatically returns to standby mode.

CHRONO MODE (Weekly Programmable Setting)

Before activating Chrono mode, set the desired Comfort and Eco temperatures. Then, to activate Chrono Mode:

- 1. Press the mode button  until the Chrono icon  appears on the display.
- The default programme is shown below.



To configure this programme, refer to section “PROGRAMMING” of the manual. (Page 11)

### OPEN WINDOW DETECTION

Open Window Detection automatically suspends heating when a sudden drop in temperature indicates that a window has been opened. When enabled, the Open Window icon flashes on the display (except in standby mode). When disabled, the icon  is not displayed.

To enable, or disable this function:

1. Place the radiator in standby mode.
2. Press and hold the  button for more than 3 seconds until the Open Window icon flashes on the display. Use the  key to select: "ON" (activated), "OFF" (deactivated).
3. Select the option and confirm with the Mode Button .
4. The display will then move on to the asc selection.

### ASC (ADAPTIVE TEMPERATURE CONTROL)

ASC automatically starts heating up to 2 hours before a scheduled programme period, ensuring the room reaches the set temperature at the programmed time.

When enabled, the ASC icon  is displayed during Chrono mode.(Chrono mode only).

To activate this function, follow these steps:

5. Put the radiator in off/stand-by mode.
6. Press and Hold the  button for more than 3 seconds until the Open Window icon flashes.
7. Press  once.
8. Use the  button to select desired option: "ON" (activated), "OFF" (deactivated).
9. Confirm with the Mode Button.
10. The display will then proceed to the Child Protection setting.

### CHILD PROTECTION

When this function  is activated, the temperature on the front of the radiator is reduced making it more suitable for use when children are present.

When enabled, the power level at which the radiator operates can be set by the user to: 40%, 50%, or 60%).

To enable this function:

1. Put the radiator in off/stand-by mode.
2. Press the  key for more than 3 seconds until the window symbol starts flashing on the display.
3. Press  twice
4. With the  key you can scroll through the following options: "ON" (activated), "OFF" (deactivated).
5. Select the option and confirm with the mode selection key .
6. If you select the "ON" option, you must choose the power level (40% - 50% - 60%) by pressing the  key.
7. Select the option and confirm with the mode selection key .
8. The thermostat will revert into standby mode.

**FACTORY RESET**

To restore the radiator to its factory settings:

- 1. Place the radiator in standby mode
- 2. Press and hold  button for more than three seconds
- 3. Then use  button to select “rst” (factory reset) appears.
- 4. Select “rst” with , then press and hold  for 3 seconds to confirm the reset.

**TEMPERATURE LEVEL INDICATOR**

The temperature level indicator is displayed on the left-hand side of the screen and reflects the programmed temperature setting. The arrow will appear as follow:

-  **High:** Above 24°C).
-  **Medium:** 19.5°C – 24°C
-  **Low:** Below 19.5°C

This indicator shows the selected temperature level only and does not represent the actual room temperature.

**LOCK FUNCTION**

The lock function prevents the improper use by children or, in a public area.  
To lock or unlock the controls:

- 1. Press and hold the Mode Button  for about 9 seconds, until the lock icon  appears (locked) or disappears (unlocked).
- 2. A beep will sound when the action is performed.

When locked, all buttons are disabled except the On/Off button.  
To restore normal operation, unlock the controls using the procedure above.

**ENERGY SETTING FUNCTION <sup>kWh</sup>**

This procedure lets you change your radiator’s power.

- 1. Disconnect the appliance from the mains.
  - 2. Press the  and  buttons simultaneously.
  - 3. While holding the buttons, reconnect the appliance to the mains supply. Continue holding for at least 5 seconds until the power rating (600–2000 W) is displayed.
  - 4. Use the arrow buttons to select the required power in watts.
  - 5. Press the Mode button to confirm.
- (The display may show random segments for a few seconds before returning to normal operation.)

**ENERGY CONSUMPTION ANALYSIS FUNCTION**

To view energy consumption data:

- 1. Place the radiator in standby mode.
- 2. Press and hold the   buttons together for more than 3 seconds until the consumption data are shown on the display.
- 3. Using the arrow keys you can scroll through the consumption menu.
- 4. The icons will appear on the right-hand side of the display. Each one shows the kWh consumed during the corresponding period of time, as shown in the column on the right:
- 5. Press the Mode button to return to standby mode.

| Display | Period                     |
|---------|----------------------------|
|         | 1 = Current day            |
|         | 2 = Previous day           |
|         | 3 = Current week           |
|         | 4 = Previous week          |
|         | 5 = Current month          |
|         | 6 = Previous month         |
|         | 7 = Current year           |
| 1 + 2   | = Previous year            |
| 1 + 3   | = Total consumption        |
| 1 + 7   | = Radiator power indicator |

## CONSUMPTION INDICATOR

When the room temperature falls below the set temperature, the thermostat activates the heating element and the consumption icon  appears on the display, indicating that the radiator is consuming energy. Once the set temperature is reached, the thermostat switches off the heating element and the icon disappears, indicating that energy is no longer being consumed.

**IMPORTANT NOTE:** If “**ALL**” appears on the display, the temperature sensor is broken or damaged and the radiator will not operate. Please contact our technical service.

## PROGRAMMING

### SETTING DAY AND TIME

1. Place the radiator in standby mode.
2. Press and hold  for more than 3 seconds until “ted” appears on the display. Use  to choose between following options: “ted” (time and date), “prog” (programming), “ofst” (temperature sensor calibration), AP (for the app connection), rst (Factory reset).
3. Select the “ted” option and confirm with the Mode button .
4. Enter the current year (15–99) using the arrow keys. Confirm selection with the Mode button.
5. Enter the current month (1–12) using the arrow keys. Confirm selection with the Mode button.
6. Enter the current date (1–31) using the arrow keys. Confirm selection with the Mode button.
7. Enter the day of the week (1=Monday, 2=Tuesday, 3=Wednesday, 4=Thursday, 5=Friday, 6=Saturday, 7=Sunday) with the arrow keys. Confirm selection with the Mode button.
8. The hour digits will flash on the display. The hour can be changed with the arrow keys. Confirm selection with the Mode button.
9. The minute digits will flash on the display. The minutes can be set with the arrow keys. Confirm selection with the Mode button.
10. The radiator goes into standby mode.

### SETTING CHRONO PROGRAMME

Create a weekly heating schedule as follows:

1. Place the radiator in standby mode.
2. Press and hold  for more than 3 seconds until “ted” appears on the display. Use  to choose between the following options: “ted” (time and date), “prog” (programming), “ofst” (temperature sensor calibration), AP (for the app connection), rst (Factory reset).
3. Select the “prog” option and confirm selection with the Mode button .
4. Programming starts on Day 1 (Monday) at 00:00. The day is divided into one-hour intervals.
5. By pressing the  key you select COMFORT mode  for the time interval (the whole interval  will be highlighted).
6. By pressing the  key you select ECO mode  for the time interval (half the interval  will be highlighted).
7. Do the same for each hourly interval until completing the 24 hours of day 1 (Monday).
8. Press the Mode button to confirm the programme.  
(Programming starts at 00:00 on Monday).
6. The programme automatically moves to day 2 (Tuesday), keeping the programme set for Monday. To change settings follow the steps above, to keep press the Mode button to confirm



and move on to the next day.

(Programming will start again at 00:00 on Tuesday).

7. Follow the same steps for each day of the week until you reach day 7 = Sunday.

8. Confirm with the Mode button; the radiator will revert into standby mode.

## TEMPERATURE SENSOR CALIBRATION

If the radiator is not installed in the optimum location to correctly detect the room temperature (for example: it is installed on a cold wall or there are draughts), the measured room temperature may differ from the actual temperature. To achieve maximum efficiency, it is advisable to correct this temperature difference.

To do this, follow these steps:

1. Place the radiator in standby mode.

2. Press and hold  for more than 3 seconds until “ted” appears on the display. Use the  button to scroll through the following options: “ted” (time and date), “prog” (programming), “ofst” (temperature sensor calibration), AP (for the app connection), rst (Factory reset).

3. Select the “ofst” option and confirm with the Mode button .

4. With the arrow keys, set the temperature difference between the ambient temperature (measured with a thermometer) and the temperature detected by the radiator. This difference can be adjusted between -5°C and +5°C.

5. Press the Mode button to confirm the selection.

## THERMAL SAFETY

In the event of overheating, the radiator will switch off automatically. Once it has cooled down, normal operation will resume automatically.

## MAINTENANCE

Your radiator requires no regular maintenance, however, to ensure its good operation:

- Always disconnect the device from the mains before performing any cleaning or maintenance operation.
- Let it cool down before cleaning.
- To avoid any risk of electrical shock, clean the unit with a soft, damp cloth to wipe the outside of the radiator and remove dust and dirt cloth.
- Do not use detergent, solvent, abrasive products or any other chemical product to clean the radiator.
- NEVER immerse the device in water or any other liquids.

You can use a vacuum or flexible brush to clean the air grilles. This maintenance must be carried out regularly to ensure optimum performance. Ensure the radiator is totally dry before turning it back on.

## ELECTRICAL WASTE RECYCLING

### Providing solutions to your requirements

All our equipment comply with EU WEEE Directive (2012/19/EU) and bear the classification symbol for waste electrical and electronic equipment (WEEE).

The equipment have been manufactured with high quality parts and materials which can be reused and are suitable for recycling. Therefore do not dispose the equipment with normal household waste at the end of its service life, but return to Velair Group for recycling.

Velair Group takes its responsibilities under the WEEE Regulations extremely seriously and has taken steps to be compliant in line with our corporate and social responsibilities.

In the UK, Velair Group has joined a registered compliance scheme with Valpak.  
Velair Group Registration number is RM10064

### Disposal and Recycling of old equipment.

Business Users

#### WEEE RETURNS

1st July 2007 saw the introduction of the WEEE Regulations 2006 and this will have a major impact on the way we deal with end of life electrical and electronic equipment (eee) in the UK.

From that date the producer (manufacturer or importer) of the equipment has a duty to treat and recycle products which they have put on the market. This means that our business customers will be able to dispose of equipment in an environmentally friendly way.

The rules concerning what can and cannot be collected are complex and that is why we have decided to make things as simple as possible for our customers.

#### Which WEEE is what?

1. If the equipment is marked with a crossed out wheelie bin with a bar underneath then it is the responsibility of the producer who manufactured or the supplier who imported it to recycle the products. It is a legal requirement to display this symbol on all eee placed on the market after the 13 August 2005
2. If there is no wheelie bin there are two possibilities, either it will be the responsibility of the end user, or if you have purchased a direct replacement for the item it will be the responsibility of the manufacturer who is supplying the NEW equipment.
3. All producers/importers of equipment should by now have joined a Compliance Scheme and it is the schemes that will organise to treat and recycle the end of life equipment from the end users.

Velair Group are members of the Valpak Compliance Scheme.

Please return our end of life equipment to:  
Velair Group, Unit 20 Queensway, New Milton, BH25 5NN.



## WARRANTY

**TEN YEAR BODY WARRANTY. FIVE YEAR ELECTRICAL WARRANTY.** We warrant the model covered in this manual to the original user against any defects in workmanship or materials under normal use for the above stated period from the date of purchase. However, this warranty excludes damages resulting from normal wear and tear, motor burnout, incorrect use, incorrect installation, and any consumable parts.

If any part of the product is found to be defective in material or workmanship and returned to an authorised party, we will repair or replace the defective part. Please note that in the first instance, you should contact your retailer or supplier for details on how to claim a warranty repair or replacement.

Please be advised that our warranty does not cover damages resulting from misuse, abuse, or any modifications made to the product. Additionally, any repairs or replacements made outside of our authorised service centres will void the warranty.

By purchasing and using our product, you acknowledge and accept the terms of this warranty. We reserve the right to determine the validity of any warranty claims and to amend or revoke this warranty at any time without prior notice.

**PRODUCT SUITABILITY:** We understand that various jurisdictions have their own codes and regulations that govern the sales, construction, installation, and/or use of products for specific purposes. While we strive to ensure that our products comply with these codes and regulations, we cannot guarantee compliance nor be held responsible for the installation or use of our products.

We strongly advise that you review the product application and all applicable national and local codes and regulations before purchasing and using our products. It is your responsibility to ensure that the product, installation, and use are in compliance with these codes and regulations.

By purchasing and using our products, you acknowledge and accept the responsibility for complying with all applicable codes and regulations. Our warranty does not cover any damages or liabilities resulting from non-compliance with these codes and regulations.