



# WI-FI MICATHERMIC PANEL HEATER

Model No. KPE216-430

## OWNERS INSTRUCTION MANUAL

Congratulations on your purchase of a Kent Portable Electric Appliance. Please read the following instructions carefully before use and retain for future reference.

### BEFORE FIRST USE

- Read and follow all the instructions below even if you feel you are familiar with the appliance.
- Remove the packing and make sure that the appliance is in tact. If in doubt do not use the appliance and contact the place of purchase.
- Do not leave packaging materials such as bags and staples within reach of children.
- Dispose of packaging carefully and with consideration for the environment.
- It is ideal to retain the appliance carton for seasonal storage.

For your convenience record the date you received the appliance on the warranty page of these instructions, and attach your proof of purchase. Retain this information in the event that a warranty service is required.

**NOTE:** The rating of this appliance (as marked on the rating label) is based on specific loading tests. Normal use or the use of other recommended attachments may draw significantly less power.

### IMPORTANT SAFETY INFORMATION

When using any electrically powered appliance, these basic safety precautions should always be followed.



**WARNING: DO NOT COVER in order to avoid overheating.**



- Do not cover or restrict airflow to the inlet or outlet grilles in any manner as the appliance may overheat and become a fire risk.
- This appliance heats up when in use. To avoid burns, do not touch the front of the appliance or any of the grilles or vents.
- Do not use the appliance to dry clothes.
- 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.
- CAUTION: In order to avoid a hazard due to inadvertent resetting of the thermal cutout, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.

To reduce the risk of fire, electrical shock or injury to persons or property:

- To avoid overheating, keep airflow grilles clear of dust and hair build up - especially if you have indoor pets.
- Use only the voltage specified on the rating label of the appliance.

- Do not cover grilles, or block entry or exit of airflow by placing the appliance against any surface. Keep all objects at least 1 metre from the front and sides of the appliance.
- Do not locate in areas of high foot traffic, ensure the power cord and heater are in view to avoid accidents.
- Do not operate in areas where gasoline, paint or other flammable liquids are used or stored.
- Before moving the appliance, switch off the appliance, unplug it from the wall and allow it to cool.
- Do not insert or allow foreign objects or metal utensils into any ventilation or exhaust openings as this may cause an electric shock, fire or damage to the appliance.
- Do not use this appliance in the immediate surroundings of a bath, a shower or a swimming pool.
- Do not immerse in liquid or use the appliance near water as this could create an electrical shock hazard.
- If the appliance accidentally comes into contact with water switch off the power supply and do not touch the appliance.
- Do not operate any appliance with a damaged cord or plug or after the appliance malfunctions or has been dropped or damaged in any manner – in order to avoid a hazard. Return to a qualified electrical person for service or repair.
- Do not operate the appliance with wet hands.
- Do not connect the appliance to the mains voltage until completely assembled and adjusted.
- This appliance is not intended for outdoor use.
- Always operate upright, on a horizontal, stable, flat surface or fix it to the wall.
- CAUTION: This product is NOT suitable to be used on long pile carpets or rugs.
- Unroll the cord before operating. Operating with a coiled cord may cause overheating and fire risk.
- The use of an extension cord with this appliance is not recommended.
- Do not remove the plug from the power socket until the appliance has been switched off.
- Always hold the plug when removing it from the wall, do not pull the cord.
- Do not use appliance with an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off.
- Always unplug the appliance when it is not in use.
- Do not allow the cord to come in to contact with the appliance surface during operation.
- Do not run the cord under carpeting, mats or rugs etc. Arrange the cord away from traffic areas so that it will not be tripped over.
- Do not twist, kink or wrap the cord around the appliance as this may cause the insulation to weaken and split.
- Children should be supervised to ensure that they do not play with the appliance.
- This appliance is intended for light domestic use and not for heavy duty commercial or industrial use.
- The appliance must not be located immediately below or in front of a socket-outlet.
- Never remove the cover of the appliance – in case of a fault contact a qualified service person.
- Use this appliance only as described in this manual.
- Any other use is not recommended by the manufacturer and may cause fire, electric shock or injury.
- Do not use this heater if it has been dropped.
- Do not use if there are visible signs of damage to the heater.
- WARNING: To reduce the risk of fire, keep textiles, curtains, or any other flammable material a minimum distance of 1m from the air outlet.

## Heater Specifications

Model No.: KPE216-430

Heat Settings: 1000W / 1400W / 2400W

Rating: 230-240V~, 50-60Hz

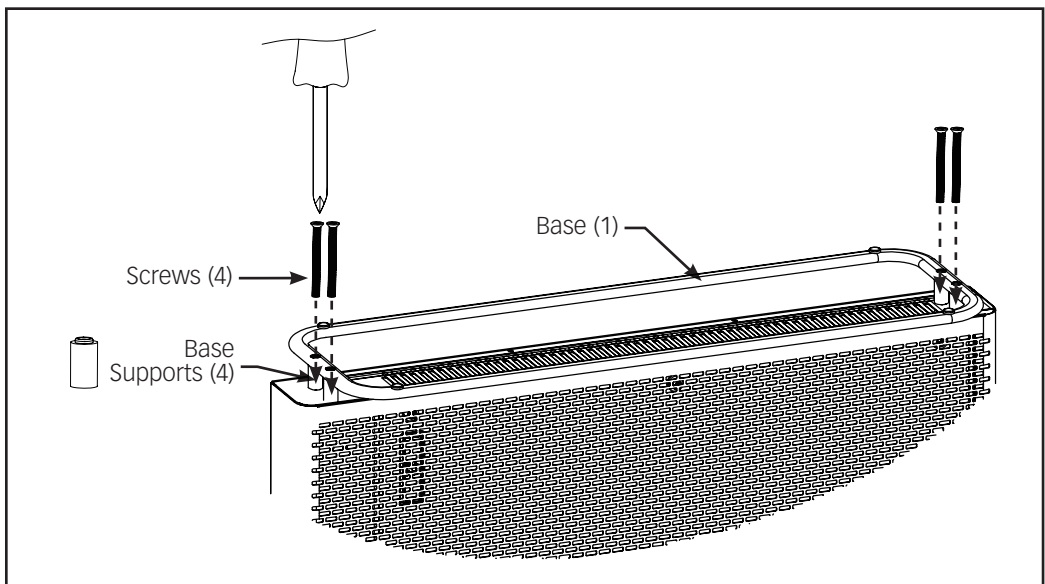
## ASSEMBLY INSTRUCTIONS

This heater is supplied with both wall mounting brackets for fixed installation and a base for freestanding use.

### Freestanding Assembly

1. Position the heater on a flat, dry, clean surface.
2. Carefully place upside down. Align the Base Supports to the four holes at the bottom of the appliance.
3. Line up the Base to the Base Supports. Thread the screws through the Base and Base Supports and attach firmly with a screwdriver.
3. Turn the heater the right way up.
4. Place the heater on a level surface in a stable upright position.

The heater should only be operated at a minimum distance of 1 metre from any wall or other object from the top, sides and front of the heater. Position the heater in order to optimise the air flow of the room.



## Fixed Installation

Before installing the heater permanently, refer to Figure 1 to correctly position the unit. Ensure a suitable power outlet is located at the correct distance and orientation from the heater.

- Check that the voltage on the specification plate matches your home's power supply.
- Before drilling into the wall, confirm there are no electrical cables or other obstructions behind the surface.

1. If attached, remove from the base from the heater.

2. Mark the drill holes using the wall bracket as a guide.

- Refer to Figure 2 for guidance.
- For best results, affix the bracket to a wall stud for maximum stability.

3. Insert anchor plugs.

- If mounting to plasterboard, insert the four plastic anchor plugs supplied.
- If mounting to a stud or masonry, the anchor plugs are not required.

4. Attach the wall bracket.

- Align the bracket with the drill holes.
- Use the screws provided to secure the bracket firmly to the wall.

5. Mount the heater.

- Align the heater with the wall bracket and hang it securely.
- Ensure the heater is properly fastened and stable before use.

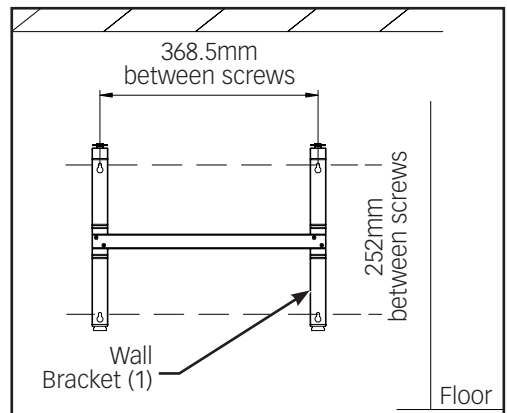


Fig. 2

 Wall screws (4)

 Anchor plugs (4)

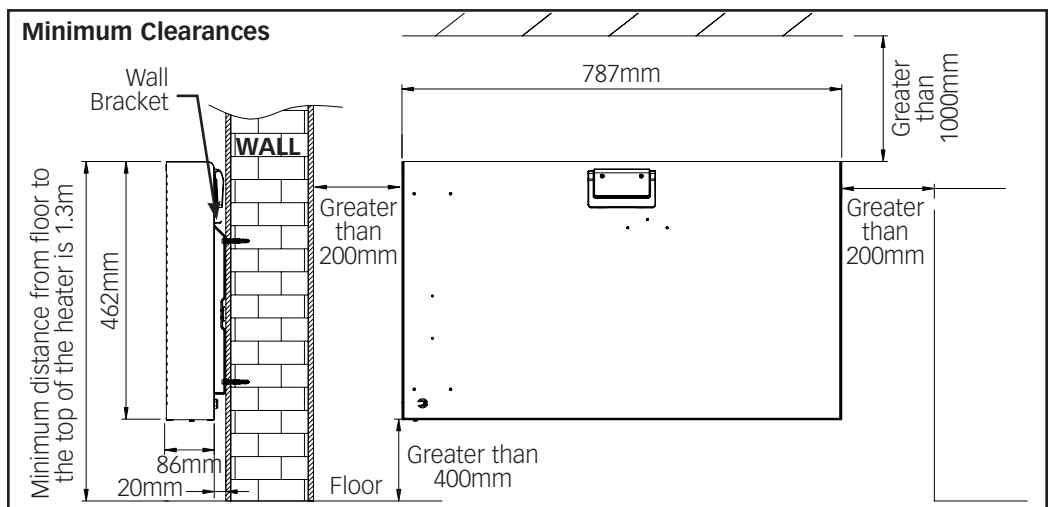
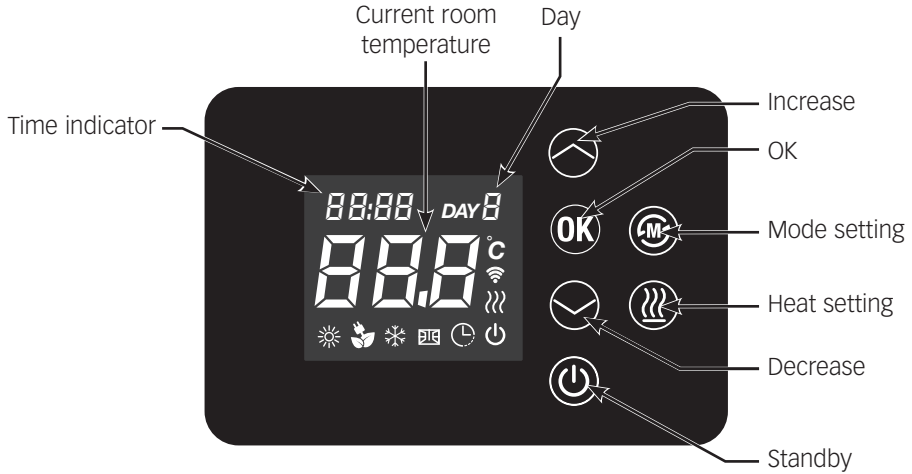







Fig. 1










# CONTROL PANEL



## Buttons



-  Standby, switches the heater on, or puts it into standby mode.
-  Increase (temperature/timer).
-  Decrease (temperature/timer).
-  Mode setting.
-  Heat setting.

## Indicators





-  Degrees Celcius.
-  Wi-Fi indicator.
-  Indicates the heat is on and the setting.
-  Standby indicator.
-  DIY mode.
-  Open window mode.
-  Eco mode.
-  Anti-frost mode.
-  Comfort mode.


## OPERATING INSTRUCTIONS




**NOTE:** When switched on for the first time a slight odour may be emitted for a few minutes. This is harmless and occurs with most appliances as slight traces of dust or lubricants may have collected during manufacture.

- Unwind the power cord and plug the heater into a power socket, ensuring minimum clearance requirements are met. Check that the voltage on the specification plate matches your home's supply, and ensure the power cord lies safely on the ground.
- Press the  button on the display. The heater will begin operating in Comfort Mode Setting.
- To return to standby mode, press the  button on the display.

### Heat Setting Selection







- To choose a power setting, press .  
Press once:  Low Heat setting – 1000W  
Press again:  Med. Heat setting – 1400W  
Press again:  High Heat setting – 2400W.

**Note:** The default power setting is High Heat  (2400W). As a guide, 100W heats approximately 1m<sup>2</sup>. For example, a 12.5m<sup>2</sup> room requires around 1250W, while a 20m<sup>2</sup> room requires approximately 2000W.

- To adjust the temperature further, press  or  (range: 5°C to 36°C). The new temperature will save after 5 seconds (or when  is pressed). The thermostat will regulate the heater's temperature to match your selected setting. When manually adjusting the temperature, the heater switches to Manual mode and the heat setting indicator will disappear.



**Note:** The heater's digital thermostat measures the temperature immediately surrounding the unit. The actual average room temperature may differ from the reading shown on the display.




### Mode Selection

- Press the Mode Button  to toggle through the six modes.  
Press once:  Comfort mode.  
Press again:  ECO mode.  
Press again:  Anti-frost mode.  
Press again:  Open Window mode.  
Press again:  DIY mode.  
Press again: Manual mode.



**Note:** Manual mode has no symbol on the digital screen. The heater automatically enters Manual Mode when the temperature is adjusted manually during operation.




### Comfort Mode

- Default temperature of 20°C.
- The heater will operate at High Heat  until the room reaches 20°C, then switch to Low Power .
- If the room temperature rises 2°C above the default, the heater will stop heating and resume when the temperature drops.

To activate Comfort mode, press the Mode button  once. The Comfort icon  and 20°C will blink on the display for 3 seconds before entering Comfort mode (or press  to enter).

### ECO Mode

- Default temperature of 18°C.
- The heater will operate at High Heat  until the room reaches 18°C, then switch to Low Power .
- If the room temperature rises 2°C above the default, the heater will stop heating and resume when the temperature drops.

To activate ECO mode, press the Mode button  twice. The ECO icon  and 18°C will blink on the display for 3 seconds before entering ECO mode (or press  to enter).

## Anti-frost Mode

- Default temperature of 5°C.
- The heater will operate at High Heat ☺ until the room reaches 5°C, then switch to Low Heat ☹.
- If the temperature gets 2° higher than the default temperature, it will stop heating and turn on again when the room temperature drops.

To activate Anti-frost mode, press the Mode button (Ⓜ) three times. The Anti-frost icon ❄ and 5°C will blink on the display for 3 seconds before entering Anti-frost mode (or press (OK) to enter).

## Open Window Mode

This mode is designed to reduce energy consumption by switching the heater off when it detects an open window.

- In Open Window mode, the heater operates in Comfort Mode (20°C) and monitors the room temperature.
- If the heater detects a 5°C drop within three minutes, it will switch to Anti-Frost Mode (5°C).
- If the room temperature increases by 2°C within the same period, it will return to Comfort Mode.

To activate Open Window mode, press the Mode button (Ⓜ) four times. The Open Window icon 🪟 and 20°C will blink on the display for 3 seconds before entering Open Window mode (or press (OK) to enter).

## DIY Mode

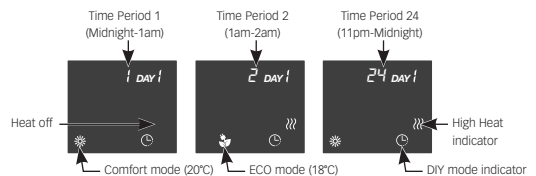
DIY Mode allows you to programme the heater to turn on automatically at specific days and times. Before using DIY Mode, you must first set the clock. In DIY mode, the initial setting for all time periods is Comfort Mode with No Heat in the setting.

1. To activate DIY mode, press the Mode button (Ⓜ) five times. The DIY icon ⌚ and 20°C will blink on the display for 3 seconds before the DIY mode is activated (or press (OK) to enter).
2. Press (OK) to enter the Day. Day 1 (Monday) is the default. The display will show the

last recorded settings, as the heater stores previous data.

3. Each day is divided into 24 hourly time slots. Use (⏪) or (⏩) down buttons to select the hour you wish to programme (1-24).

1 (Midnight-1am)	13 (12pm-1pm)
2 (1am-2am)	14 (1pm-2pm)
3 (2am-3am)	15 (2pm-3pm)
4 (3am-4am)	16 (3pm-4pm)
5 (4am-5am)	17 (4pm-5pm)
6 (5am-6am)	18 (5pm-6pm)
7 (6am-7am)	19 (6pm-7pm)
8 (7am-8am)	20 (7pm-8pm)
9 (8am-9am)	21 (8pm-9pm)
10 (9am-10am)	22 (9pm-10pm)
11 (10am-11am)	23 (10pm-11pm)
12 (11am-12pm)	24 (11pm-Midnight)



4. Press (⏪) or (⏩) to choose the time you would like to set the timer (1-24).
5. The default is Comfort mode ☀ (20°C.) To change to ECO mode 🌿 (18°C.), press the Mode button (Ⓜ).
6. Press the High Heat ☺ button to activate heating for the selected time slot, or press again to turn heating off.
7. After completing Monday's settings, press (OK) to move to Tuesday, and continue for the rest of the week.

## To copy DIY settings to all seven days

1. Activate DIY mode.
2. Programme Day 1 to your preferred settings (follow previous instructions).
3. While Time Period number is still flashing, press and hold (OK) until a beep is heard. The settings will be applied to all seven days.

**NOTE:** If 7 Day function fails to copy. Reset the DIY mode to factory settings. Switch to Standby mode, then press (Ⓜ) and (☺) together for 3 seconds. The heater will beep for 1.5 seconds,

and the DIY mode will reset to its default settings.

After 10 seconds of inactivity, the programming will be saved and DIY Mode will exit automatically.

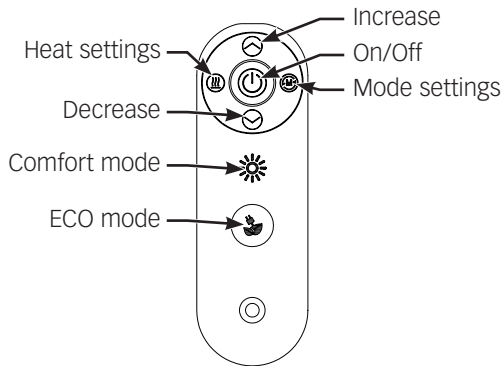
### Setting the Clock

Set the clock on the heater's digital display.

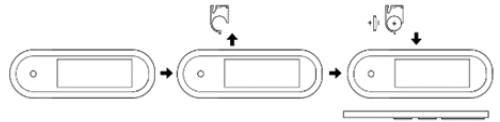
1. Turn on the digital display. Press and together for 3 seconds. The heater will beep for 1.5 seconds and the clock will illuminate.
2. Press or buttons to set the hour (0-24), then press to confirm.
3. Press or buttons to set the minutes (0-59), then press to confirm.
4. Press or buttons to set the days of the week Monday - Sunday (Day 1-7), then press to confirm.

### Remote Control

The remote control replicates the main functions available on the heater's control panel. Please refer to earlier sections of this manual for detailed operation instructions.



1. To add the battery, push the locking tab to one side and pull out the battery compartment.
2. Remove the plastic tab to activate the battery contacts.
3. Insert a CR2032 3V Lithium Button Battery into the compartment.
4. Push the compartment back into the remote control.



### NOTE:

- Non-rechargeable batteries must not be recharged.
- Insert batteries with the correct polarity.
- Remove used batteries from the appliance and dispose of them safely.
- If the appliance will be stored unused for an extended period, remove the batteries.

### WARNING:

Although the remote is fitted with a childproof tab, keep batteries out of reach of children. Swallowing may cause serious injury or death within as little as 2 hours due to internal burns. If swallowed, seek immediate medical attention at a hospital.

- Dispose of used batteries immediately.
- Do not open batteries or short-circuit them.
- Remove empty batteries promptly to reduce the risk of leakage.
- Only dispose of batteries when fully discharged.
- To prevent explosion risk, do not charge, heat, or burn batteries.
- Never throw batteries into a fire or expose them to high temperatures.
- Do not dispose of batteries in household waste.
- Dispose of them in accordance with local regulations.

## Wi-Fi Function


To control the heater from a Wi-Fi enabled device, the heater needs to be paired to a device with the App downloaded. The App requires 2.4G Wi-Fi.



**NOTE:** When adding the heater for the first time, the heater and device need to be under the same network environment.

1. To download the App, scan the QR code here, or search for 'Tuya Smart' in mobile App stores.
2. Download, open and Sign Up to the App. You will be emailed a verification code. Enter the code emailed to you. Set a new password.

## Pairing the heater and App

1. On the heater, hold down  and  for 3 seconds. The Wi-Fi icon will flash while attempting to connect. Once connected, the icon will stay illuminated.
3. Once paired, the *Kent Wi-Fi Micathermic Heater* will appear on your device. Select the heater and complete the set-up.
4. If the heater does not appear, search for *KPE216-430 Kent Wi-Fi Micathermic Heater*.

**NOTE:** Once connected, the Wi-Fi icon will remain illuminated on the heater while in Standby Mode.

## Clear the Wi-Fi login account

Press and hold the  button for 5 seconds. The heater will beep for 1.5 seconds, and the Wi-Fi connection login will be cleared.

**NOTE:** In Wi-Fi mode, the heater will automatically turn off after running continuously for 24 hours. You will need to restart it manually.

## Device sharing

To control the heater from multiple devices.

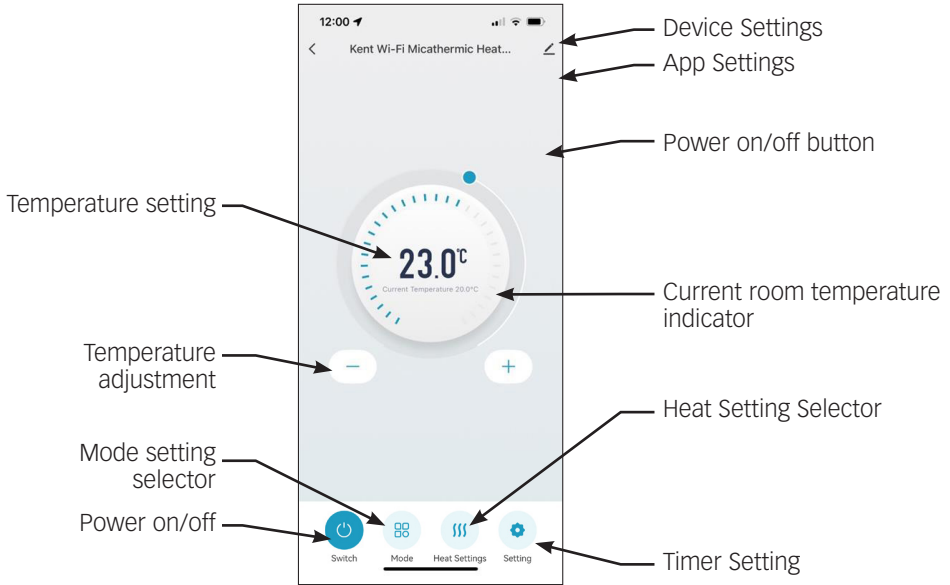
1. Tap on Device Settings icon.
2. Select Share Device.
3. Choose your preferred sharing method.

Once shared, all settings can be controlled from both devices. The heater can be shared with up to 20 devices.

The Device Settings menu also allows you to:

- Rename the device.
- Share your Tuya account.
- View device information.

## APP CONTROL PANEL



### Turn on the heater

Tap the Power on/off button to turn the unit on. Adjust to your desired temperature from 5-36°C using the  $\ominus$  and  $\oplus$  buttons or by dragging the dial slider.

### Mode Selection

To select a Mode (Fig. 1), tap the Mode button (☐) to cycle through the mode options. See page 6-7 for a description of each mode.

- Comfort mode.
- ECO mode.
- Anti-frost mode.
- Open Window mode.
- Manual mode.

### Heat Setting Selection

To choose a heat level setting (Fig. 2), tap the Heat Settings button (☞). Three options will appear:

- Level 1 Low Heat setting – 1000W.
- Level 2 Med Heat setting – 1400W.
- Level 3 High Heat setting – 2400W.

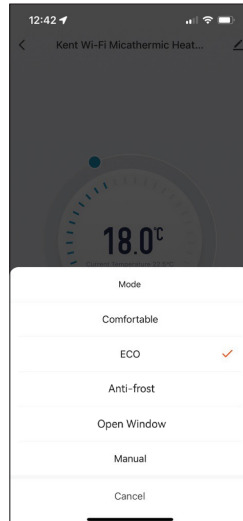


Fig. 1

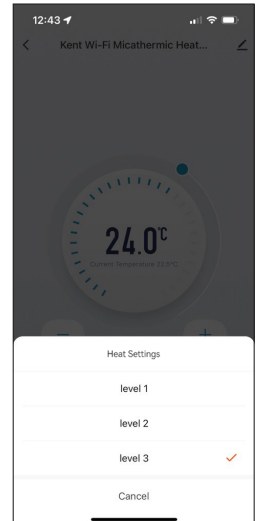



Fig. 2

**NOTE:** The Tuya app is subject to updates and may look slightly different to the images appearing in these instructions.

## Timer Scheduling

To set your heater to turn on or off at specific times and adjust temperatures throughout the day, use the Timer Schedule function.

1. Tap the Settings button , then select the Timer option (see Fig. 3).
2. Tap the Add button to create a new schedule (see Fig. 4).

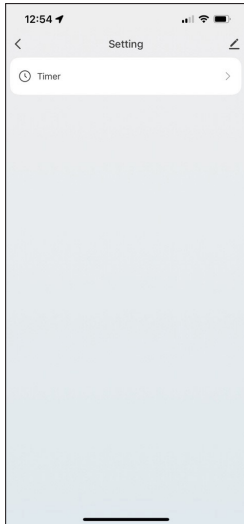


Fig. 3

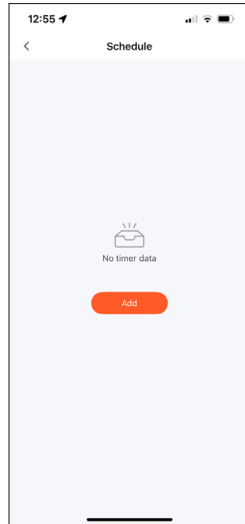


Fig. 4

3. Select the Switch tab to choose whether the schedule will turn the heater on or turn it off.
4. Enter the desired time in the Time field for when you want the heater to switch on or off (see Fig. 5).
5. Tap the Repeat tab to choose which days of the week the schedule should apply (see Fig. 6).
6. Set your preferred temperature in the Set Temperature tab, or select a heat level from the Heat Settings tab.
7. Toggle on the Notification button if you'd like to receive alerts when the heater turns on or off.
8. Tap the Save button to save your schedule. You can add as many schedules as you like.
9. Ensure the heater is turned off after the schedule is saved. The heater will turn on automatically when the timer activates via the app.

**NOTE:** After saving, all your scheduled timers will appear in the schedule list (see Fig. 7). To activate or deactivate a schedule, toggle it on or off. To delete a schedule, swipe it to the left.

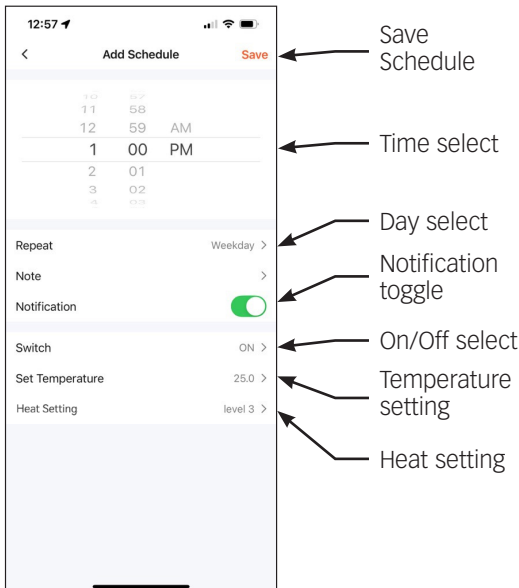


Fig. 5

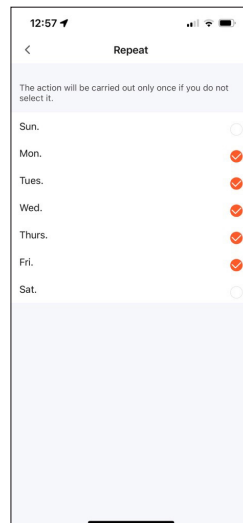


Fig. 6

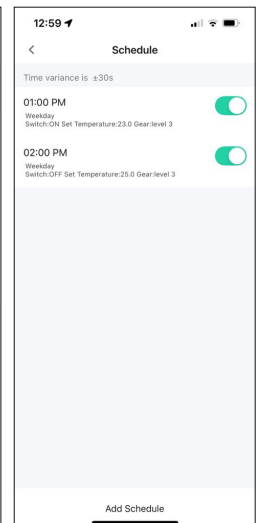


Fig. 7

## SAFETY FEATURES

### Over-Heat Protection

- This heater is protected with an over-heat protection cut-out facility that switches it off automatically if it over-heats.
- Overheating can be caused by obstruction to the air intakes on the top of the heater or the grill on the front.
- If this occurs please disconnect the heater from the power socket and allow it to cool for 30 minutes. Remove any obstruction and turn the heater back on.
- The heater should operate normally. Should the problem persist contact your nearest service centre.

### Safety Cut-Out Switch

- The heater is fitted with a safety cut-out switch to switch the heater off if it is knocked over.
- If the heater is knocked over and the cut-out switch activates turn the heater off at the power outlet and take EXTREME care when standing the heater upright as it will still be hot.
- Inspect the heater for damage especially to the heating elements and power cord.
- If any damage is visible do not operate the heater.

## CLEANING AND CARE

IMPORTANT: Turn off the heater. Switch off the power switch and disconnect the heater from the power socket. Wait for the heater to be completely cool before cleaning.

- Vacuum clean air vents and grills to remove dust from these areas.
- To remove dust on external surfaces, wipe the heater with a damp (not wet) lint-free cloth rinsed in hot soapy water only.
- Do not use any harsh detergent or abrasive cleaners.
- Do not spray with liquids or submerge in liquids or water.

- Do not attempt to clean the interior of the heater.
- Do not attempt to open the heater casing at any time.

## STORAGE

- Store the heater carefully in a dust-free area during the off season. It is ideal to store the heater in the carton it was supplied in. Neatly wind the cord of the heater to prevent damage to the cord.



IMPORTANT INFORMATION FOR CORRECT DISPOSAL OF THE PRODUCT IN ACCORDANCE WITH EC DIRECTIVE 2002/96/EC.

At the end of its working life, the product must not be disposed of as urban waste. It must be taken to a special local authority differentiated waste collection center or to a dealer providing this service. Disposing of a household appliance separately avoids possible negative consequences for the environment and health, deriving from inappropriate disposal and enables the constituent materials to be recovered to obtain significant savings in energy and resources. As a reminder of the need to dispose of household appliances separately, the product is marked with a crossed-out wheeled dustbin.







## WARRANTY GUIDELINES

1. Appliances will be free from defects in material and workmanship under normal use and service when installed and used in accordance with all applicable local laws and regulations.
2. If, during the warranty period, a product fails to operate properly due to defects in workmanship or materials, Aber Living will either, at its option, repair or replace the product without charge to the purchaser.

**The following circumstances or events are either deemed to be outside the scope of the general warranty policy as set out above, or will invalidate any warranty claim:**

- Normal customer maintenance, including yearly maintenance, routine maintenance, lubrication, etc.
- Damage caused by the continued use of a product after a fault has occurred.
- Accident, Act of God, nature or war, theft, abuse, misuse, negligence or neglect, including improper installation.
- Failure to operate or maintain the product in accordance with the owner's manual furnished with the product.
- Any alterations or modifications, including those affecting the product's performance, operation, safety, durability or changes in its intended use.
- Additional damage to parts or components due to consented use occurring after any of the above conditions.
- Incorrect installation or commissioning.
- Incorrect electrical installation or fitment to an inappropriate supply. Any electrical installation (fitting and wiring of new wall sockets etc) must be performed by a qualified electrician.
- The warranty applies only to the goods supplied and does not cover any other damage incurred.
- No agent, representative, dealer or employee of Aber Living or any other person has the authority to increase or alter the obligations of Aber Living under these warranties.

### **Proper Maintenance and Operation**

The original purchaser must exhibit reasonable care in the maintenance and operation of the product as explained in the maintenance section of the owner/operator's manual. When in doubt, the Retailer should be contacted by the original purchaser for advice.

### **WARRANTY CLAIM PROCEDURES**

Should a product failure occur then the original dealer should be contacted together with proof of purchase.

The following will apply to all products from date of purchase by the original consumer for use in a normal, domestic situation.

### **Portable Electric Heater: 2 years from date of purchase.**

Products used for business purposes will carry a 90 day warranty.

For full warranty terms & conditions please refer to our website: **[www.kent.co.nz](http://www.kent.co.nz)**.

Kent® is a registered trademark of Aber Living, Hamilton, NZ.

**[www.kent.co.nz](http://www.kent.co.nz)**