moda

INSTRUCTION MANUAL

Nexus

WiFi Oil-filled Portable Heater

PLEASE READ AND SAVE THESE INSTRUCTIONS

Contents

1. Symbols

This symbol indicates a hazard with an average risk level which, if not avoided, could result in serious injury or death.

This symbol indicates danger to the life and health of persons due to electrical voltage.

This symbol located on the device indicates that it is prohibited to place objects (such as towels, clothes etc.) above or directly in front of the device. To avoid overheating and fire hazards, the device must not be covered.

This symbol located on the device indicates that its surfaces are hot during and immediately after operation. Hot surfaces should not be touched: danger of burns.

This symbol located on the device indicates that it is prohibited to spray the device.

This symbol located on the device indicates that instructions in the operating manual must be observed when installing and using the device.

2. Warnings & Precautions

Read this manual carefully before using or installing the heater. Always store the manual in the immediate vicinity of the heater or its site of use.

Read all safety warnings and all instructions.

The heater should only be installed and used according to the instructions in this manual. Failure to follow the warnings and instructions may result in electric shock, fire, serious injury, or all of the above.

Save all warnings and instructions for future reference.

Some parts of this product can become very hot and cause burns. Do not touch the surface when in operation. Do not install close to curtains or other combustible materials. Particular attention should be given where children and vulnerable adults are present.

Never cover the heater. Covering the heater risks overheat and fire.

Children of less than 3 years should be kept away unless continuously supervised. Children aged from 3 years and less than 8 years shall only switch on/off the appliance provided that it has beenplaced or installed in its intended normal operating position and they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
Children aged from 3 years and less than 8 years shall not plug in, regulate, or clean the appliance, or perform maintenance.

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning the use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

- Keep the power cable away from all hot parts of the appliance.

- Do not use the heater with the power cable wound up. This can cause a dangerous build up of heat. Do not wind the cable around the appliance as this may cause weakening and splitting of the insulation. The power cable should be fully unwound and removed from any storage areas before use.

- Prior to each use of the device, check that the cable, mains plug, casing and element are intact and in good condition. The heating element may be damaged if the heater is dropped or hit. Do not use if you detect damage to any component.

- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons to avoid a hazard.

- Make sure that the voltage indicated on the rating plate for this appliance corresponds to your power outlet: AC 220-240V, 50/60Hz.

- Check for transportation damage and make sure all parts are complete after the appliance is unpacked. Do not use if any parts are missing or damaged.

- Do not leave the heater unattended during use.

- Do not use the appliance with an external controller. The heater must not be set to switch on when it is unattended.

- It is recommended to plug the device directly into a wall socket. Use of extension leads is not recommended because many models do not support high-powered appliances. Make sure any extension lead used can safely support the power requirements of the product.

- Do not share the heater's socket with other appliances: risk of fire due to excessive load.

- The power cable should not be positioned under the carpet or items of furniture. Do not run the cable where it will be a trip hazard.

- The device must not be located immediately below an electrical socket outlet.

- Do not use this device in the immediate surroundings of a bath, shower, swimming pool or any other water container. Risk of electric shock. This product is not suitable for bathroom use.

- The device must be placed where the switches and controllers cannot be touched by a person in a bathtub or shower. Never place the device where it may fall into a bathtub or other water receptacle.

- Do not use the device with wet or damp hands.

- No part of the appliance should be submersed in any type of liquid.

- Cleaning should be carried out using a damp cloth only. No abrasive chemicals or materials should be used.

- Never insert fingers or other objects or body parts into the heater's protective grill: risk of electric shock or injury.

- The device must only be installed in an upright position on a smooth, stable, heat-resistant surface.

- The device is for indoor use only. Do not use outdoors.

- Make sure the minimum safety distances from walls and objects stated in the installation instructions are observed at all times. This is very important to prevent damage to walls, furniture and soft furnishings and to prevent the product overheating.

- Do not use the device in rooms where contact with flammable or potentially explosive materials like dust, gas or vapour cannot be avoided. Risk of fire.

- Do not operate the device when wet. If the device gets wet during cleaning, allow it to dry out before using.

- Do not expose the device to water jets.

- Do not transport the device during operation.

- Do not sit on the device.

- Before carrying out maintenance, care or repair work on the device, ensure the device is unplugged. Do not use the cable to tug the plug from the socket. Switch off the socket, hold the plug, and pull.

- Switch the device off and disconnect the power cable from the mains socket when the device is not in use.

- Allow the device to cool down before touching or transporting the device, or attempting maintenance work.

3. Technical Information
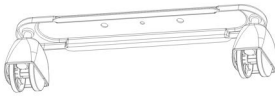
Table 1: Technical Specifications

Voltage	220-240V AC / 50-60Hz
Wattage	2000W, 2500W
Temperature Range	5–40 ºC
Temperature Resolution	1 ºC
IP Rating	IP00
Appliance Class	Class I
Power cable length	1.5m

4. Installation

4.1. Fixings

Before beginning installation, check that all fixings are supplied. The heater should only be mounted with the manufacturer's fixings.

Component	Castor wheels	Wing nuts
Quantity	2	2
Component	Arc-shaped Bracket	Handle
Quantity	2	1

4.2. Attaching the castor wheels

Warning – Installation requires turning the heater upside down. Ensure the surface is stable and free of sharp objects which may scratch or damage the finish of the heater.

1. Unpack the Castor Wheels and Arc-shaped Brackets from the heater packaging.

2. Turn the radiator upside-down on a stable and clean surface.

3. Fit the two sets of castor wheels between the outermost fins.

4. Insert the hooked end of the Arc Bracket into the castor wheel, ensuring the curved section sits over the lower bar of the heater.

5. Insert the straight end of the Arc Bracket into the castor wheel.

6. Secure in place using a wing nut. The wing nuts can be tightened by hand.
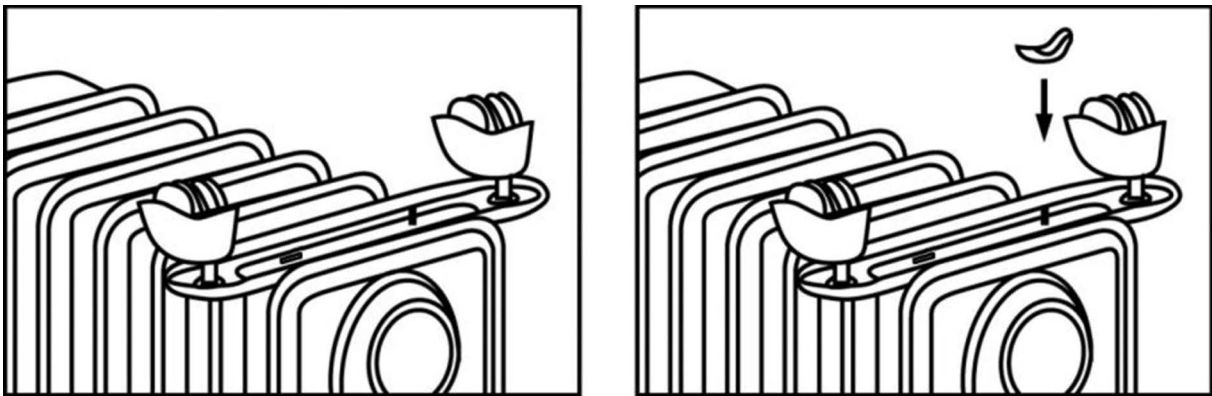
Figure 1: Attaching castors to heater body

7. Repeat for the second set of castor wheels.

8. Turn the device upright so that it is resting on the castor wheels. The power cable should be at the bottom of the heater.

9. Attach the handle by clicking it into place on the end panel.
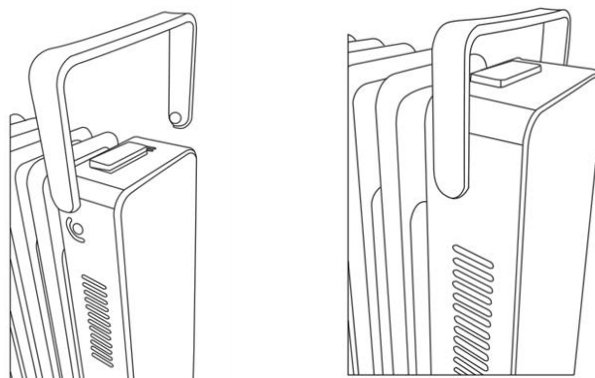
Figure 2: Attaching handle

10. The device is now ready to use. Note - When using the heater for the first time, it may emit a slight odour. This is normal and will soon subside. Ensure the heater is used in a well-ventilated room.

4.3. Using your Moda Nexus

Do NOT!

- DO NOT use in a bathroom or in the immediate surroundings of a swimming pool or other water container. Risk of electric shock, injury or death.
- DO NOT use in rooms where potentially flammable or explosive materials are present.
- DO NOT use in rooms where the device will be left unattended.
- DO NOT use outdoors.
- DO NOT use the device without properly installing the castor wheel bases.
- DO NOT use if the device is damaged.
- DO NOT cover.
- DO NOT touch the metal fins during or soon after heating.

Do!

- Use for ad-hoc heating in hard-to-heat spaces.
- Ensure the device is unplugged before attempting transportation or maintenance.
- Use the handle for moving the device instead of pulling on the power cord.
- Inspect the heater regularly for damage and cease use if any damage is detected.
- Keep the device away from curtains or other flammable materials.
- Allow the device to cool completely before moving or storing it.
- Unplug and place device in its original packaging if it is not going to be used for a long period of time.

5. Control Panel

5.1. Display

The heater features a dimmable touchscreen LED display.

Set temp display

Heating icon

Decrease button

Brightness button

Change mode button

Timer in progress

Keypad locked

Increase button

Standby/On button

Timer set button
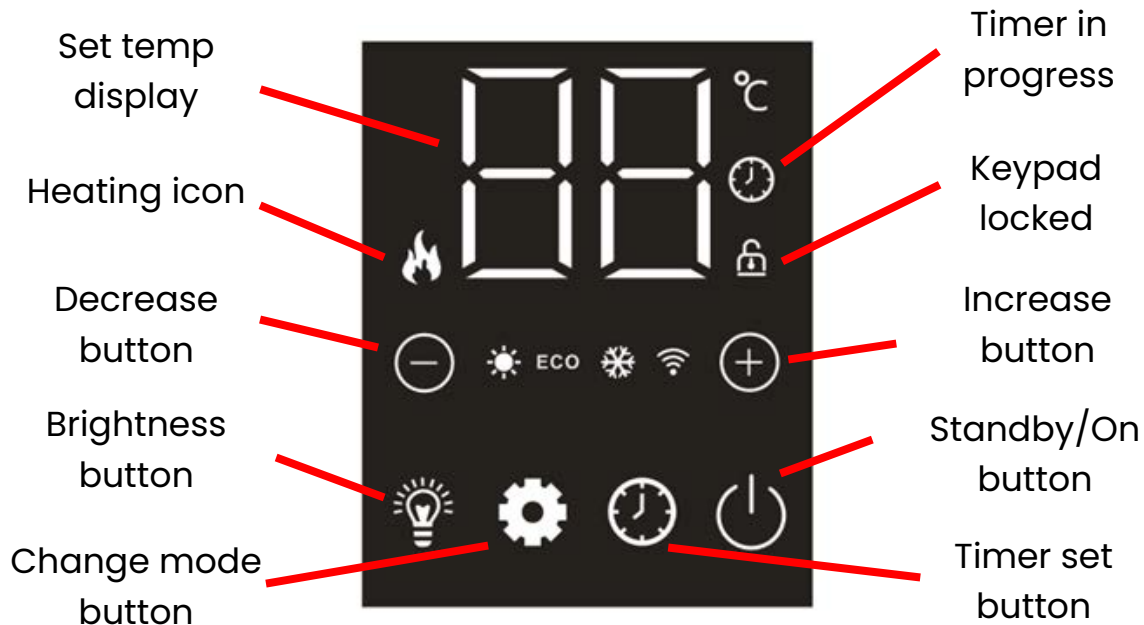
Figure 3: Control Screen Layout and symbols

	Comfort (full power)		Eco (half power)		Anti-Frost
	Connected to WiFi		Device is heating		Keypad locked
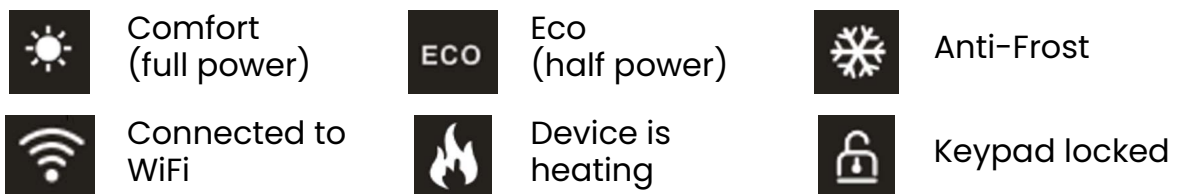
5.2. Standby mode

The heater first starts in standby mode, where the display shows only the standby ⏻ and WiFi 🛜 symbols. On this mode the heater will not heat. You can use the standby ⏻ key to switch between standby and the heating modes.

5.3. Heating modes

Tap the standby ⏻ key to switch the heater on. Tap the mode ⚙ key to switch between modes. The displayed icon will change accordingly, browsing through: **Comfort** ☀, **Eco** ᴇᴄᴏ and **Anti-Frost** ❄ .

5.3.1. Comfort

When the display is showing the comfort ☀ icon, the heater is in comfort mode. In this mode, the heater heats on full power to a constant set temperature. The thermostat measures the room temperature and

switches the heating on and off accordingly. The 🔥 icon displays when the heater is heating.

Set temperature can be adjusted between 5 °C and 50 °C using the ⊖ and ⊕ keys. This will change the set temperature for both Comfort and Eco mode.

5.3.2. Eco

When the display is showing the ECO icon, the heater is in eco mode. In this mode the heater heats at half power to the same constant set temperature as set in comfort mode.

Set temperature can be adjusted between 5 °C and 50 °C using the minus ⊖ and plus ⊕ keys. This will change the set temperature for both Comfort and Eco mode.

5.3.3. Anti-frost

When the display is showing the ❄ icon, the heater is in anti-frost mode. Anti-frost sets the heater to come on only when temperatures drop low, when it will work at full power to keep the room warm enough to prevent pipes from freezing.

In Anti-frost mode, the heater will start heating when the room temperature drops below 5 °C. It will then heat until the room temperature raises to more than 7 °C.

5.4. Countdown timer

The timer function offers a 1-24 hour countdown and works in all three heating modes. When the timer is set, the heater will run for the set period and then switch to standby mode. Switching heating mode does not cancel the timer; it will maintain the countdown and switch to standby when the set period elapses, no matter what mode is running.

Tap the timer 🕐 key to set the timer, repeatedly pressing the timer 🕐 key to adjust from 0 to 24 hours in steps of one hour. The 🕐 symbol will display to show the timer is in progress. To cancel the timer, double press the standby key ⏻.

You can check how many hours remain on the timer (rounded up) by tapping the 🕐 key.

5.5. Display brightness

You can adjust the brightness of the display using the brightness 💡 key. Repeatedly pressing the brightness 💡 key cycles the display through full light, half light and no light.

When the display is on full light, it will automatically dim to half light after 20 seconds not in use.

5.6. Keypad lock

Press and hold the minus ⊖ and plus ⊕ keys to lock the display. The keypad lock 🔒 icon will appear, the display will dim and all keys will be locked. Press and hold he minus ⊖ and plus ⊕ keys to unlock and the keypad lock 🔒 icon will disappear.

5.7. Memory function

In the event of power failure or disconnection, temperature settings will be remembered and the heater will restart on the mode it was previously running.

6. Using the Remote Control

The Moda Nexus comes with built-in WiFi as well as a remote control, for total flexibility. The remote control can be used up to 2 metres away from the heater.
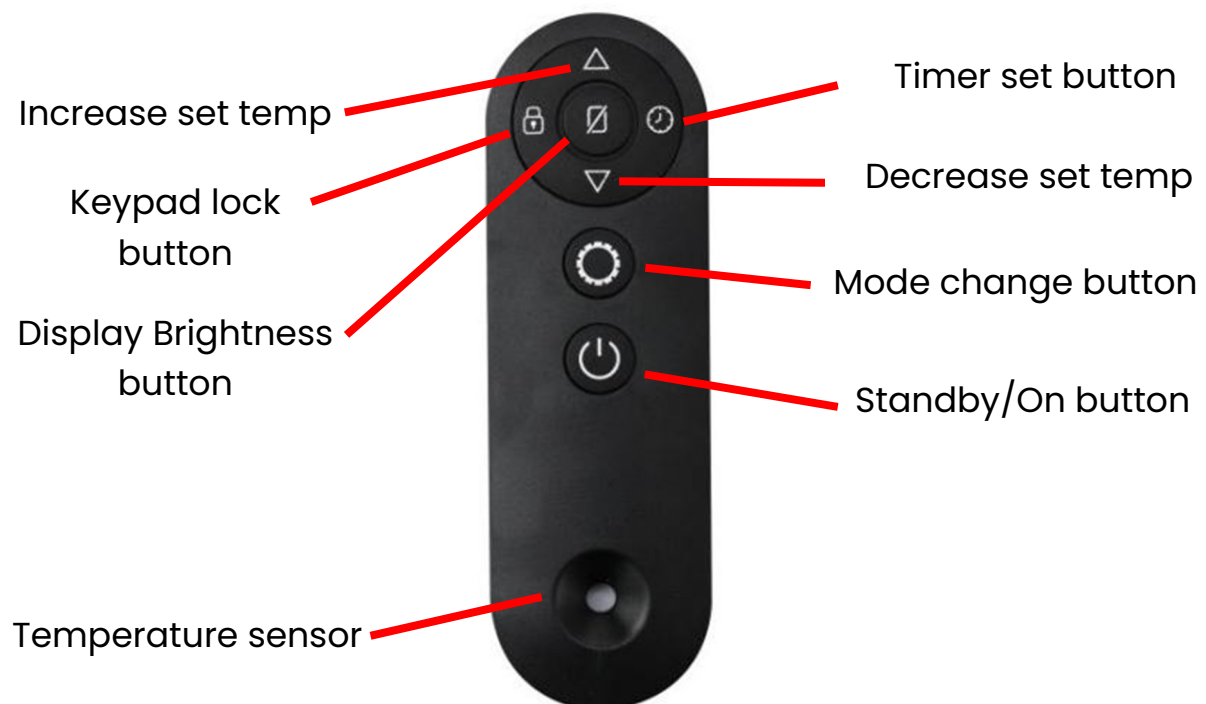

Figure 4: Remote control buttons

All functions of the heater that can set via the control panel are available through the remote control.

Button	Operation
	Press the standby key to toggle between standby mode and the heating modes.
	Press the mode key to toggle between the heating modes: Comfort, Eco and Anti-frost.
	In the heating modes, press the Up Arrow key to increase the set temperature, up to 50 °C. When setting the timer, press the Up Arrow key to increase the hours of the timer.
	In the heating modes, press the Down Arrow key to decrease the set temperature, up to 5 °C. When setting the timer, press the Down Arrow key to decrease the hours of the timer.
	Press the timer button to start setting the timer. Use the Up and Down Arrow keys to set the number of hours.
	Press and hold the padlock key to activate the keypad lock. To deactivate the keypad lock, press and hold the padlock key again.
	To turn down the display brightness press and hold the brightness key. To turn up the brightness, press the brightness key again.

7. Connecting to WiFi

7.1. Downloading the app

The Moda Nexus is designed to work with the Smart Life app.

Scan the code below to go to the app. Press install and follow the app's instructions to create an account.

NOTE - The Smart Life app is a constantly evolving third party system. This guide was correct at time of printing but may differ slightly from future versions. The app is designed to work on Android or iOS but older software versions may affect app presentation and performance.

7.2. Connecting to the app

1. Before pairing, ensure your mobile device is connected to your WiFi network. This must be a 2.4GHz network. If you have a 5.0GHz router,you will need to switch to the 2.4GHz band if this does not happen automatically.

2. Open the app and press the "+" icon in the upper right hand corner.

3. The list of appliance types will load. Swipe down the list to find "Small Home Appliances" and select "Heater (WiFi)".

4. You will be prompted to select your WiFi network and enter your password. This is where you can check that the band is 2.4GHz. You can follow the link in the app for advice if you need help with this.

5. Check that the heater is in pairing mode, shown by the flashing 🛜 symbol on the display. If the 🛜 symbol is not flashing, hold down the ⏻ key.

6. Check the frequency with which the 🛜 symbol flashes and skip to step a. (if the symbol is flashing quickly) or b. (if the symbol is flashing slowly).

   The heater offers two connection modes, EZ and AP mode. This makes it easier for the heater to connect to different devices: EZ mode is faster, but may not work with all devices; AP is universal but requires some extra steps. When the 🛜 symbol flashes fast, the heater is ready to connect on EZ mode. When the 🛜 symbol flashes slow, the heater is ready to

connect on AP mode. You can change pairing mode by holding down the ⏻ key.

    a. The 📶 symbol flashes fast - twice per second. This is EZ or Smart mode. See **Figure 5** below.

        i. Select "Confirm the indicator is blinking", then tap "Blink Quickly".

        ii. The heater will begin connecting.
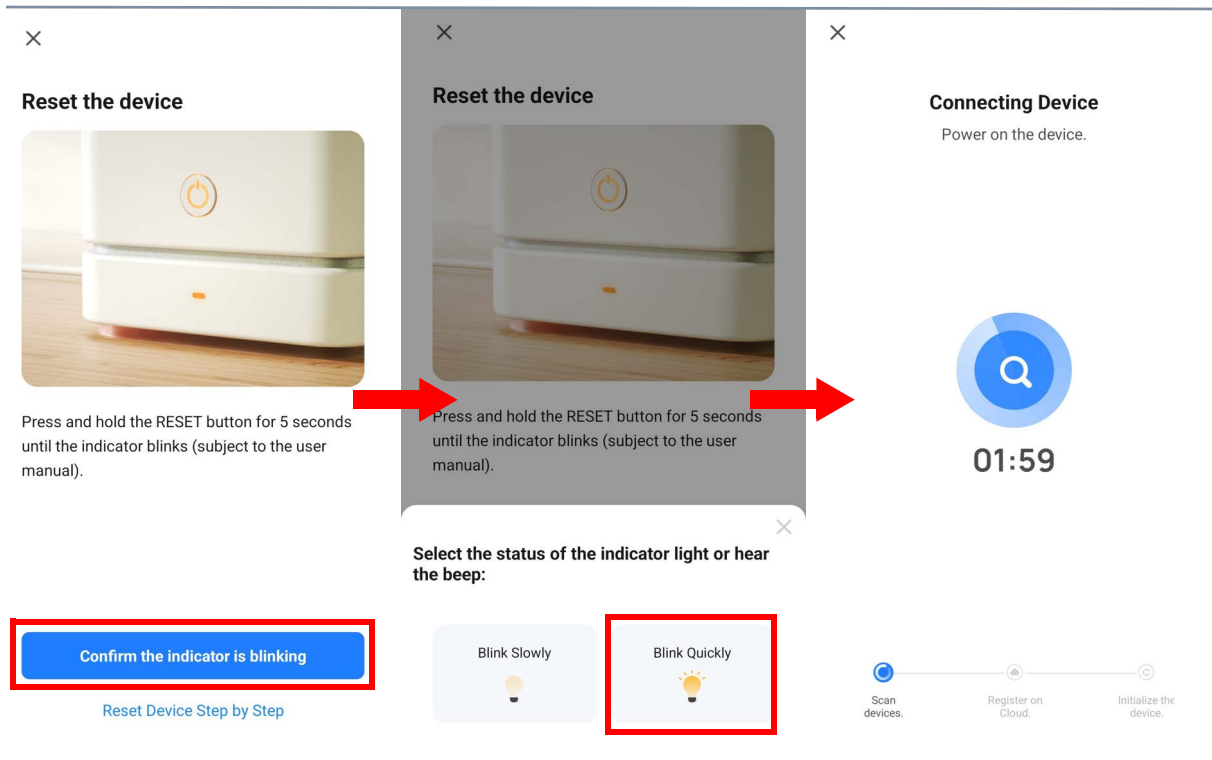
Figure 5: Connecting the heater to the app using EZ Mode

    b. The 📶 symbol flashes slowly - once per second. This means the heater is in AP mode. In this mode, your device uses a WiFi hotspot to connect. See **Figure 6**.

        i. Select "Confirm the indicator is blinking", then tap "Blink Slowly".

        ii. Press "Go to Connect" to go to your WiFi settings.

        iii. Connect to the WiFi hotspot named "Smart Life-XXXX".

        iv. Once connected to the hotspot, return to the app and click "Confirm Hotspot Connection". The heater will begin connecting.
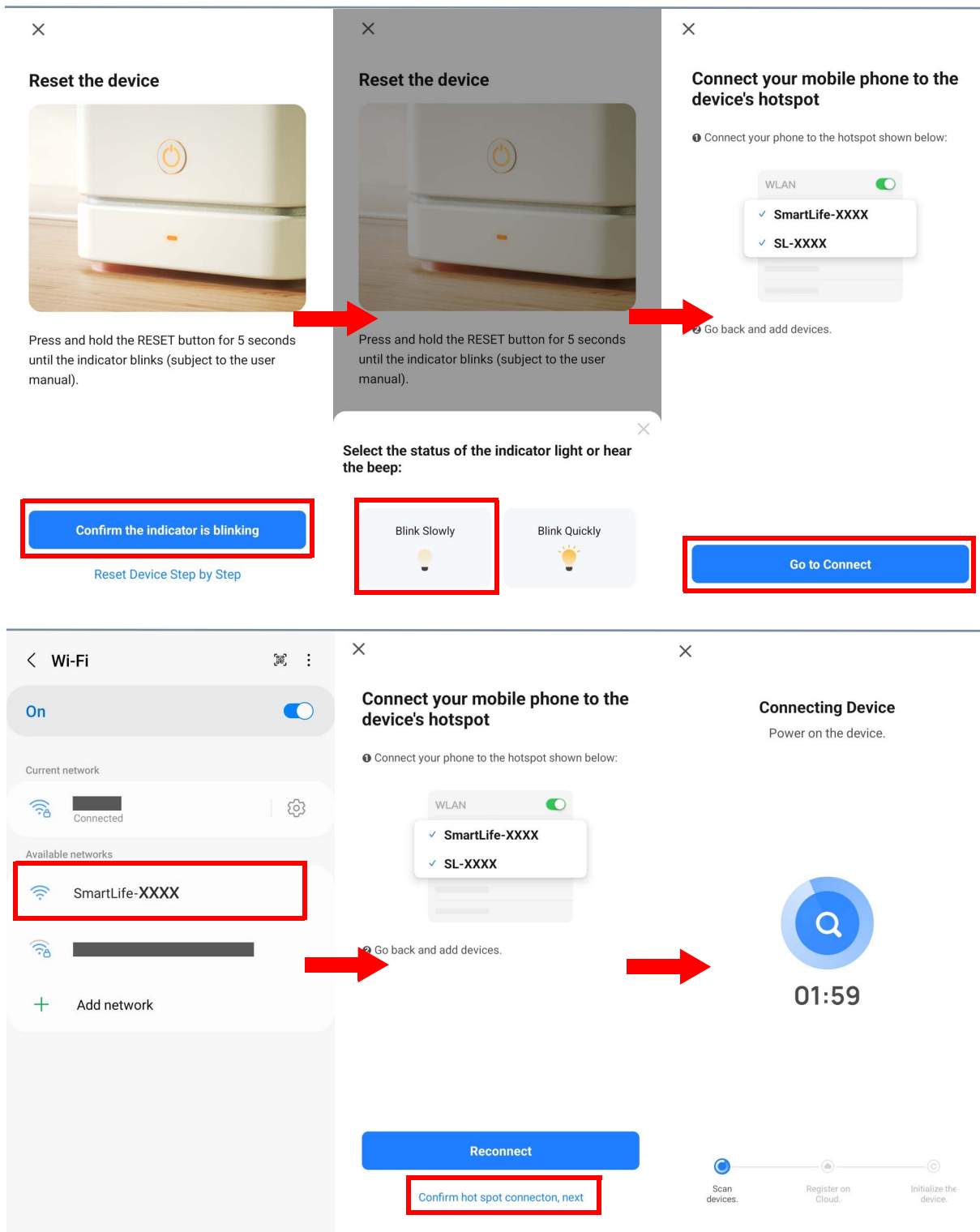
Figure 6: Connecting the heater to the app using AP Mode

7. Once you have reached the connecting screen, it should take 20-30 seconds for the heater to be successfully added to the app. "Device added successfully" will display on the app and the 📶 symbol on the heater display will solidify.

8. Tap the pen icon ✎ to change the name of the heater.
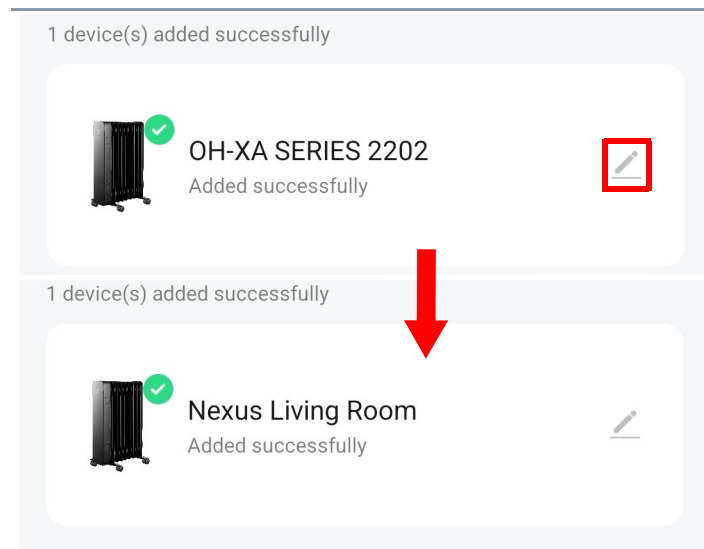
Figure 7: Change heater name on app

Troubleshooting

If the heater does not connect on the first attempt:

- Repeat the steps above but try the alternate pairing method. Hold down the ⏻ key to switch pairing mode.

- Reset the heater by turning it off at the wall socket, waiting a few minutes, then switching it back on. Hold down the ⏻ key if you need to reset or change the pairing mode.

- Ensure your router has a strong internet connection.

- Make sure both the heater and your smart device are in range of your router.

- Ensure WiFi and Bluetooth are enabled on your smart device.

- Make sure the app has registered successfully.

- Make sure your smart device is connected to the same WiFi network as that to which you are attempting to connect your heater.

- Ensure you are connected to a 2.4GHz WiFi band. See instructions within the app if you are currently connected to a 5GHz band.

- Check any local restrictions on your WiFi. WiFi networks in public places such as hotels and airports may require extra identification steps.

8. Using the App

NOTE - The Smart Life app is a constantly evolving third party system. The guide below was correct at time of printing but may differ slightly from future versions.

8.1. Home overview

You can use the Smart Life app to control multiple devices. All devices are displayed on the home screen with their status.

8.2. Control interface

Tap the heater listing to go to the control interface.

Here you can turn the heater off and on, adjust set temperatures, choose mode and access device settings.
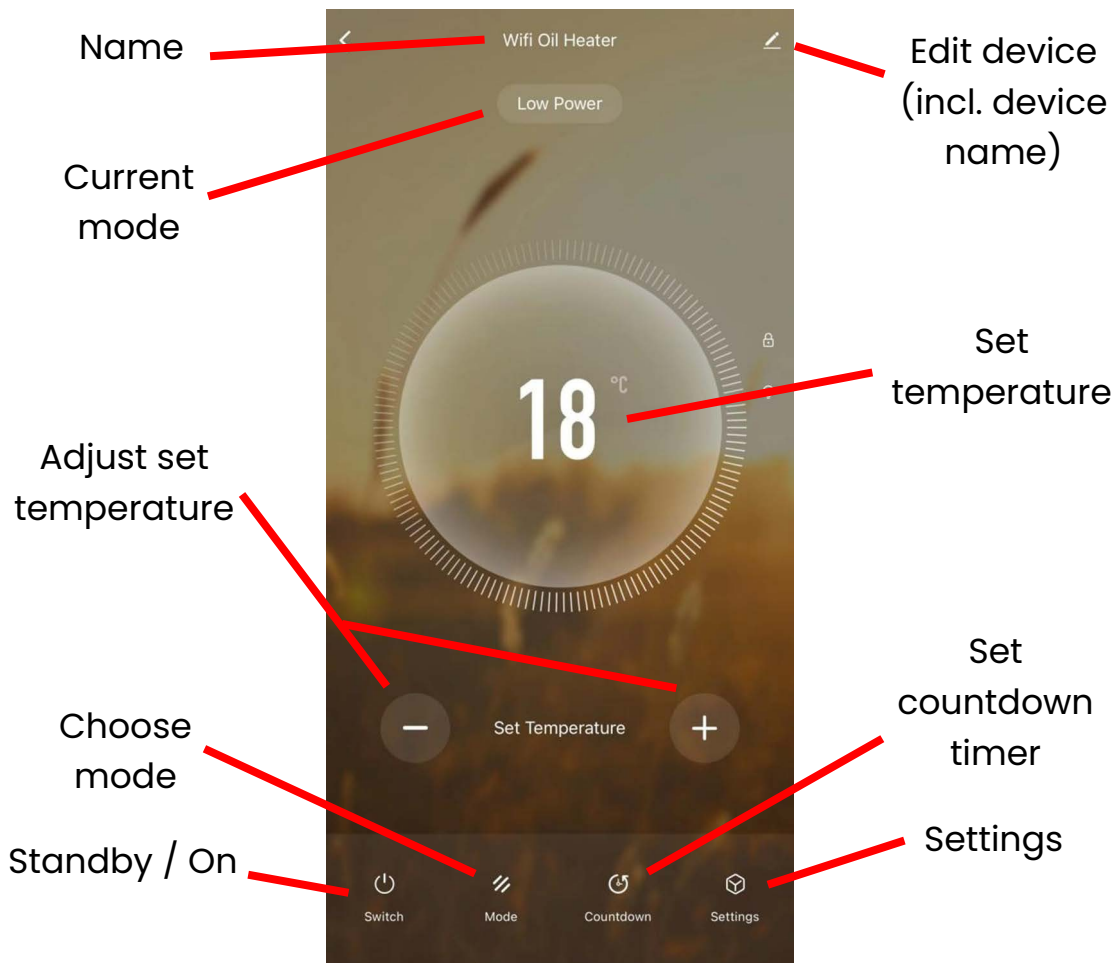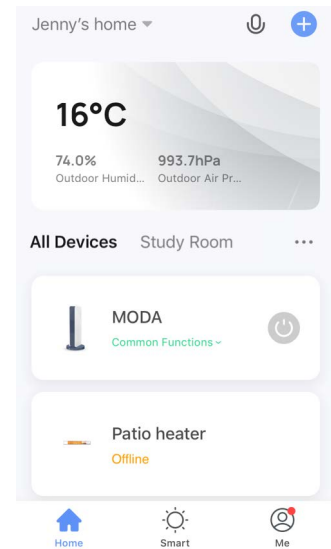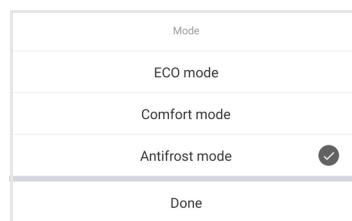

*Figure 8: Device Control screen on the Smart Life app*

8.3. Choose mode

Tap the mode icon ![Mode] to choose the heating mode. The three options correspond to the three modes on the control panel: comfort, eco and anti-frost.

Mode
ECO mode
Comfort mode
Antifrost mode ✓
Done

8.4. Countdown timer

Tap the timer icon ![Countdown] and scroll through the menu to set the countdown period from 1 to 24 hours. The heater will run for the period selected and then switch to standby mode.

Countdown
Cancel
1h
2h ✓
3h
4h
Done

Switching heating mode or setting a weekly program does not cancel or override the countdown timer; the countdown will be maintained and the heater will switch to standby when the set period elapses, no matter which mode is running.
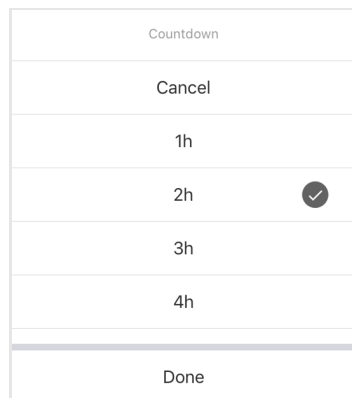
You can check how many hours remain on the timer (rounded up) by tapping the ![Countdown] icon. To cancel the timer, press ![Countdown] and choose "Cancel", or turn the heater off and on again.

You can also use the timer in standby mode to set a countdown to turn the heater on. This feature is only available through the app.

8.5. Settings

Tap the ![Settings] icon to view and adjust the heater's settings, which include the optional 'scheduled events' timer. This app-based timer allows you to set a number of 'events' which turn the heater on and off.

Settings	
Child Lock	◯
Light	◯
Timer	>
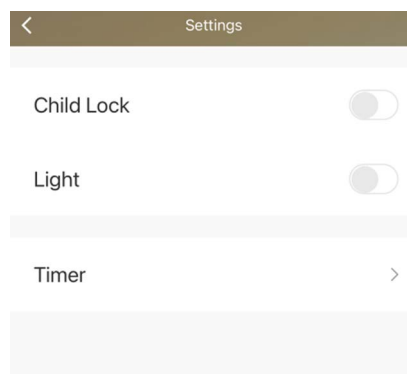
Tap the ![edit] icon for settings that relate to the heater's listing on the app, including its name, any automations it is included in, and the quality of its network connection.

8.5.1. Child lock

Use the child lock toggle in the settings menu to lock and unlock the heater display.

8.5.2. Display brightness

Use the "Light" toggle in the settings menu to switch the heater display from full brightness to no light.

Note - the half light display setting can only be set as the active light level using the 🔆 icon on the heater. However, the display will still dim to half light level when left idle for 20 seconds on full light level. If you toggle the heater to full light using the app when the display has already timed out and dimmed, it will briefly engage at full brightness and then immediately switch down to half light level.

8.5.3. Timer

The scheduled events timer allows you to set events which turn the heater on or off at specified times of the day.

In the timer page, you can choose a set time and choose whether the event will turn on or off the heater. You can also decide whether the event should be single-time or reoccurring, and you can add notes or toggle on notifications.

The heater will beep when it is turned on or off by a scheduled timer event. When the heater turns on after having been turned off, it will start in the heating mode it was in before it last turned to standby.

9. Cleaning

Always disconnect the appliance and let it completely cool before attempting any maintenance. Use a vacuum cleaner to remove dust on the fins. Clean the outside of the unit with a damp cloth and then dry it with a dry cloth. Never immerse the unit in water, nor let water drip into the unit. Risk of electric shock.

Always disconnect the appliance, let it cool completely, and clean it before storing. If you do not use the device for a long period, put the unit back into the original box with the instruction manual and store in a dry and well-ventilated place. Do not place any heavy items on top of box during storage as this may damage the appliance.

10. Warranty

The Moda Nexus Oil-filled Heater carries a 1-year guarantee on the body, paintwork electrical components. Within the stated period, starting from the date the customer receives their unit, the supplier guarantees to repair or replace the unit where a fault is due to defects in materials or manufacturing.

The warranty does not cover any defect arising from damage, negligence, usage outside the product's intended purpose or fair wear and tear. The warranty is only valid when the unit has been used at the specified supply voltage, and in accordance with all conditions specified in this manual. The warranty will be void if the heater has been covered, tampered with or opened in any way, or if the ratings label has been removed.

The warranty does not cover failures and faults due to force majeure, accidental damage, mishandling, external impact, chemical agents or atmospheric phenomena, incorrect use of the device, the purchaser's faulty electrical installations, transporting the device or problems caused by the device being handled by unauthorised persons. If the unit has been hardwired, an invoice may be required to confirm the work was carried out by a qualified professional. The manufacturer cannot accept responsibility for damage, loss or injury caused by incorrect installation, maintenance, cleaning or covering the device.

The warranty is a contract with the original purchaser and does not transfer if the unit is re-sold, gifted or inherited. Proof of purchase, including order number and order confirmation or invoice, will be required if a claim is made. The warranty covers only the model of heater shown on the purchase invoice. The warranty covers the repair or replacement of the defective product only and the manufacturer shall have no liability for installation costs or consequential losses however incurred. The unit is sold as a DIY product; whilst hardwiring is permitted within the terms of the warranty – provided evidence can be produced that the work was performed by a qualified installer – no compensations will be offered for the installer's costs in the event of a claim. Claims must be made with the establishment where the device was purchased. This warranty does not affect the customer's consumer rights.

11. Disposal

In accordance with WEEE Directive 2012/19/EU, the icon with the crossed-out waste bin on electrical or electronic equipment stipulates that this equipment must not be disposed of with household waste at the end of its life. You will find collection points for free return of waste electrical and electronic equipment in your vicinity. The addresses can be obtained from your local authority.

The separate collection of waste electrical and electronic equipment enables the re-use, recycling and other forms of recovery of waste equipment, and prevents any negative effects for the environment or human health caused by the disposal of hazardous substances potentially contained in the equipment.

12. Manufacturer Information

The Moda Nexus Oil-filled Heater is an electric heating product produced for Moda Heating and sold through various retailers and distributors. Please contact your supplier for technical advice regarding this product.

For other queries:

Moda Heating
Firecrest House
Lingerfield Business Park
Market Flat Lane, Knaresborough
United Kingdom
HG5 9jA

www.modaheating.com