



**ROSE HEATERS**  
UK INFRARED HEATER COMPANY

# **INFRARED PANEL HEATERS**



**INSTALATION & OPERATING  
INSTRUCTIONS**



Before using carefully read these instructions.



Pay special attention to the sections with this symbol

Thank you for purchasing ROSE infrared heater. We sincerely hope that using this product will bring you only positive emotions.

### Appointment

Infrared heaters designed for primary or secondary heating of residential and non-residential premises. Heaters are designed to work from home network with a voltage range of 220 V – 240 V, 50 Hz (*table 1*).

Specifications of infrared heaters

*table 1*

| Model   | Infrared Heater - 400W WiFi Lavender Range | Infrared Heater - 400W On/Off Lavender Range | Infrared Heater - 400W WiFi Lavender Range | Infrared Heater - 400W On/Off Lavender Range | Infrared Heater - 400W WiFi Lavender Range Vertical | Infrared Heater - 800W WiFi Lavender Range | Infrared Heater - 800W On/Off Lavender Range | Infrared Towel Heater - 500W Bluebell Range |
|---|--|--|--|--|---|--|--|---|
| Rated power consumption, kW   | 0,4  | 0,4  | 0,4  | 0,4  | 0,4   | 0,8  | 0,8  | 0,5   |
| Nominal current max, Amps   | 2  | 2  | 2  | 2  | 2   | 3,6  | 3,6  | 2,3   |
| Voltage, V  | 220 – 240                                  |  |  |  |   |  |  |   |
| Frequency Hz  | 50   |  |  |  |   |  |  |   |
| IP rating   | 54   | 54   | 54   | 54   | 54  | 54   | 54   | 54  |
| Surface temperature, °C   | 70-100                                     | 70-100                                       | 70-100                                     | 70-100                                       | 70-90   | 85-110                                     | 85-110                                       | 45-95                                       |
| Weight, kg  | 9,1  | 9,1  | 9,3  | 9,3  | 9,3   | 15,78                                      | 15,78  | 15,8  |
| Time to enter the mode, min.  | 40   | 40   | 40   | 40   | 40  | 40   | 40   | 40  |
| Heated Floor area (m2) of the room (considering standard UK ceiling Height of 2.4m) | 7 10                                       | 7 10   | 7 10                                       | 7 10   | 7 10  | 14 20                                      | 14 20  | 7 12  |
| Heated volume of the room of the room (no more), m3                                 | 13-20                                      | 13-20  | 13-20                                      | 13-20  | 13-20   | 22-40                                      | 22-40  | 15-25                                       |
| Intallation method  | wall/floor                                 |  |  |  | wall  | wall                                       |  |   |
| Sizes (HxW), mm   | 580x580                                    | 580x580                                      | 360x1020                                   | 360x1020                                     | 1020x360  | 620x1020                                   | 620x1020                                     | 1020x644                                    |

### Accessories for heater:

- Panel Heater ..... 1 pcs.
- Mounting bracket ..... 2 pcs.
- Plastic rails fitting with screws ..... 4 pcs.
- Instructions for operation ..... 1 pcs.
- Towel holders ..... 2 pcs. (optional for models)
- Screws for towel holders ..... 4 pcs. (optional for models)
- Heater floor legs ..... 1 set (not included in the product package)

### GENERAL CAUTIONS

Warning! Some parts can be very hot. Special attention must be paid if there are children in the room or other vulnerable people.

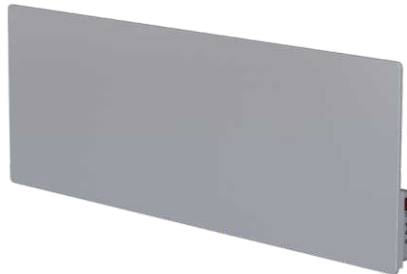
- This appliance is not intended for use by persons (including children) with reduced Physical, sensory or mental capabilities, or lack of experience and knowledge unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance
- Children under 3 years old cannot be near the heater without adult supervision;
- Do not use the appliance until it is securely fitted as described in this manual.
- If the power supply cord is damaged, it must be replaced by a qualified engineer in order to avoid any hazard.
- The fireplace heater must not be positioned directly under the power socket.
- Keep furniture, curtains and other flammable material at least 1 meter away from the appliance.
- Do not leave the appliance unattended during use.
- Do not leave the appliance unattended whilst connected to the mains supply.
- This appliance is intended for household use only and should not be used for industrial purposes.
- Do not operate this appliance after a malfunction or after being damaged in any way.
- Repairs to electrical appliances should only be performed by a qualified electrician.
- Improper repairs may place user at serious risk.
- Do not run the mains cable under carpets, rugs, etc.
- Do not allow the mains cable to hang over sharp edges or come in contact with hot surfaces.
- In order to avoid overheating, do not cover the heater.
- Never immerse the product in water or any other liquid for any reasons.
- Do not use this heater in the immediate surroundings of a bath, a shower or a swimming pool.
- Do not use the appliance outdoors.
- Do not touch if you have wet hands while the switch is on.
- Never use the appliance on or near hot surfaces.
- Do not operate with a damaged cord.

- Before cleaning the appliance, make sure it is unplugged from the power and that it is completely cooled.
- Do not clean the appliance with abrasive chemicals.
- Never use accessories that are not recommended or supplied by the manufacturer. It could cause danger to the user or damage to the appliance.



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# **HEATER INSTALATION** (FOR ALL MODELS)



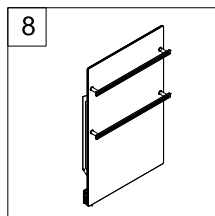
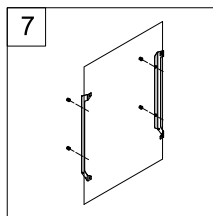
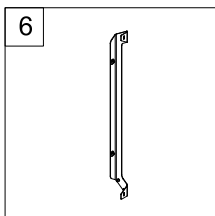
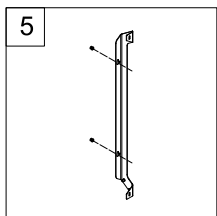
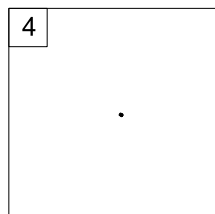
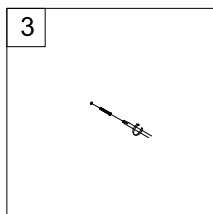
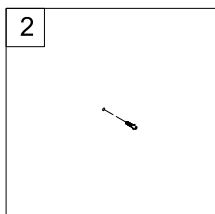
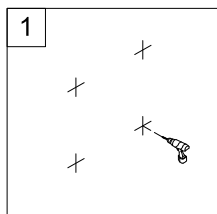


All service of infrared panel heaters must be carried out by qualified technical personnel!

Infrared heaters can be installed vertically and horizontally (see *table 1*).

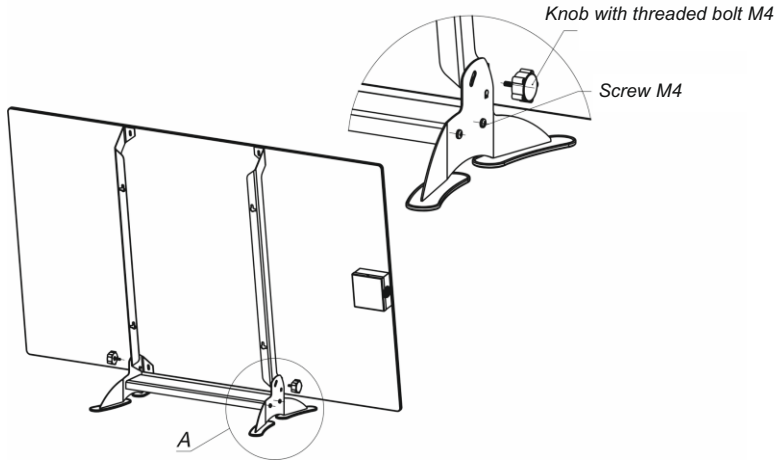
For wall installation, the heater has brackets on the back side.

1. The bottom edge of the heater must be on a distance not less than 10 cm from the floor.
2. The top edge of the heater must be on a distance not less than 1 meter from the ceiling.
3. The lateral edge of the heater must on the distance at least not less than 10 cm from the wall.
4. Ensure that under drilling locations is no electric or water installation.
5. Mark the positions of the four holes to be drilled on the wall, and Drill the holes with the drill bit. Make sure the distance between each holes is same as the round holes on the brackets at back of the heater (*pic. 1*)
6. Insert the plastic rails fitting into the holes (*pic.2*)
7. Insert the metal screws into the plastic rails (*pic.3, 4*)
8. Lift the heater, align the four round holes on the brackets on the back of the heater with the four screws on the wall, and hang the heater by moving it slightly (*pic.5,6,7,8*)



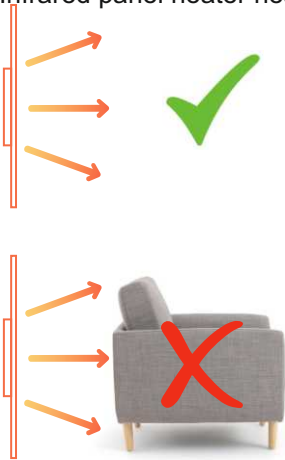
For installation on the floor, the heater can be installed using a set of removable legs with adjustable tilt angle of the product (not included in the product package).

Accessories for attaching brackets to legs  
A (1 : 2)



## POSITIONING OF THE HEATER

Infrared panel heater heats by transferring energy from the heater into the room and its contents. Place the heater where it will not be immediately obstructed by objects like furniture or where it cannot effectively radiate out, such as at the edge or in the corners of a room. Large objects placed in front of the heater will heat up and can prevent effective heat dispersion into the room. If you can, avoid placing the heater opposite windows, open doorways or behind furniture. Depending upon the size of the heater, You are likely to feel the gentle warmth from the heater up to around 3m away. When choosing a mounting position consider whether you wish to directly feel the heat (e.g. above a sofa) or not. The closer you are to the heater, the greater the intensity of the heat you will feel. This is usually down to personal preference.



The infrared heating panel will need to be mounted close to an electrical socket but **MUST NOT** be mounted immediately below a socket and no closer than 200mm away from the socket.



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# **OPERATING INSTRUCTIONS FOR INFRARED PANEL HEATER (LAVENDER RANGE)**

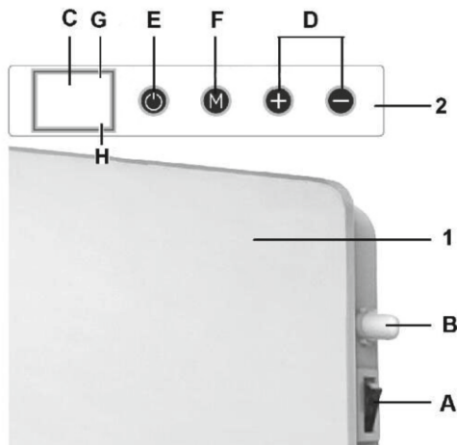


## Operating Instructions

### Control Panel:

1. Main Board
2. Control Panel

- A. Main switch & pilot light
- B. Temperature sensor
- C. Display
- D. Up/Down key
- E. ON/OFF switch
- F. Timer and wifi button
- G. Blue wifi light
- H. Red timer light



- Insert the plug in the socket
  - Turn the main switch on (I): the light will turn on and the heater is in standby mode
  - Now press the ON/OFF switch: the heater will start working. The display will show the room temperature.
  - Press the ON/OFF button first in order to switch the device off. The heater is now in standby mode. Now switch the main switch off (O); the lamp will go out.
- Finally remove the plug from the socket.

### Thermostat:

- If you press the + or - key, the temperature setting will flash 5x on the display.
- You can adjust the temperature setting by pressing the + or - key while it is flashing. With each key press, the temperature will be increased (+) or decreased (-) by one degree.
- The device will retain the temperature setting by switching itself on and off automatically.

### Timer:

- Briefly pressing once on the M button will switch the timer on. The red timer light will become on and the display will blink. You can set the time when the heater is to switch itself off by pressing the + or - buttons: with each press it will go an hour forward or backward. The timer time will be set on after 5x unchanged blinking. The display will now alternately show the room temperature (red light off) and the set number of hours red light signaling. The display will then go off. The heater will switch itself off after the set number of hours.
- The display will switch off if you change nothing in the settings for 10 seconds. You can reactivate it by pressing once on any button at random.

**Wi-Fi and App operation:**

The heater can also be controlled with an app on your smartphone. To do this, the heater must be connected to a Wi-Fi modem.

- Download the control App search «Tuyasmart» or «Smart Life» from «App store» or «Android Market».
- Open the «app» and select Register
- Enter your mobile phone number, the country code has already been filled in for you
- You will receive an SMS with a verification code. Within 60 seconds, enter this verification code and your chosen password and select confirm to confirm the registration.
- In order to use the App, your heater must be added once to the App. Select «Add Device».
- On the heater, make sure the blue lamp is blinking rapidly. If not, press and hold on the 'M' button until the lamp starts to blink rapidly), select in the App: confirm indicator rapidly blinking
- Enter the correct Wi-Fi password
- A connection will now be made between the App and the heater
- Select 'Done' once the connection has been successfully established
- The screen for operating the heater will now appear
- Your heater now can be controlled by the App, you can set the temperature and one week timer in the App.

**Note!** The Wi-Fi function is turned on by default. To turn off the Wi-Fi function, long press the "ON/OFF" button for 5 seconds on the device. The Wi-Fi light will go out. To turn on the Wi-Fi function, long press the "ON/OFF" button again for 5 seconds and the light will start flashing again.



**ROSE HEATERS**

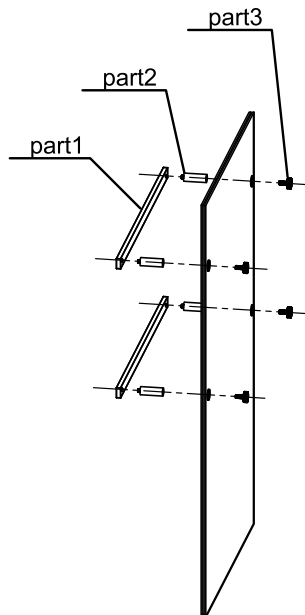
UK INFRARED HEATER COMPANY

# **OPERATING INSTRUCTIONS FOR INFRARED TOWEL INFRARED HEATER (BLUEBELL RANGE)**



### Attaching Towel Rail Brackets ( M-02 series model)

1. Take part 1 of the bracket and attach it to the part 2.
2. Take the bracket and attach to the screw (part 3), aligning the hole.
3. Secure the towel holder with the screw (part 3) using a screwdriver.
4. Please repeat these operations on the other side of the panel.



**WARNING:** Do not cover the heater in any way, it will overheat e.g.: drying any clothes or laundry on the heater.



**ATTENTION!** To prevent danger especially from children, mount the towel heater so that the lowest rail is not less than 600mm from the floor.

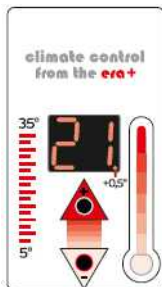


When installing the towel rail for safety, ensure that the towel heater is mounted on a position where the thermostat is inaccessible to the person in the bath or shower. (Danger of electric shock)



Do not mount the towel heater directly under a power socket.

## Operating Instructions



The heater is controlled by the microprocessor thermocontroller ERAFLYME™, which provides high comfort, efficiency and safety.

Heating is carried out using two temperature sensors: the first controls the air temperature in the room, which allows to minimize energy consumption, as well as set an individual temperature in each room;

the second temperature sensor controls the surface temperature of the heater itself, which ensures its safety as much as possible (prevents overheating when the mains voltage is high, the device is covered or tipped over, makes it possible to limit the

temperature in children's rooms, etc.).

You set the required room temperature for yourself, the controller, depending on the heat loss of the room, automatically adjusts the temperature of the heater itself (if the corresponding function is enabled, then also the load on the electrical network is 100% or 50% power). The heater is switched on and off electronically (silently, without sparks or interference). The heater works exactly as much as is required to maintain the set temperature in the room, does not waste a single extra kilowatt of electricity and therefore does not need to be turned off even in the summer.

You also have the opportunity to turn on the heater once for a specified time.

The range for setting the air temperature in the room is “Comfort” +5...+35°C, increment 0.5°C.

The range for setting the maximum temperature of the heater surface is 40 to 95°C.

The range for setting the time value in hours (1 to 12) for the timer.

### Install the heater according to the included installation instructions.

Ensure the correct location of the external air temperature sensor in the room (to prevent as much as possible the influence of the temperature of the heater itself, contact with the heater body, floor and walls).

### Heater Control

While the heater is operating (Heating mode), the digital indicator displays the air temperature in the room from -9.5°C to +99.5°C (half a degree is indicated by a luminous right dot). Middle dot: flashes quickly – heating at full power, flashes intermittently for 1 second – heating at power reduced to half).

Attention! Displaying the temperature with a change in brightness (pulsing) means that the heating is started for a specified time (timer is on).



Heating on

**1. Setting the room temperature.**

Briefly press any button. The set temperature value will be displaying and flashing. While the value is flashing, you can press the buttons to change the set temperature (to auto-repeat, the button must be held down).

If you do not press the buttons for more than 5 seconds, it will exit the installation mode. In this case, if the temperature value has been changed, the timer will be turned off (if it is operating)!

**Attention!** Do not increase the temperature value in anticipation of faster heating of the room, this can only lead to unnecessary energy consumption.

**Button lock** (child lock, etc.). Insert the power plug into the socket while pressing the '+' button and do not release it until the corresponding indication ("LO") appears.

After this, the heater will remain operating in the mode that was set, and will only respond to button presses by displaying "LO".

**Unlocking buttons.** Insert the power plug into the socket while pressing the '-' button and do not release it until the corresponding indication ("nL") appears.

**Turning heating off and on.**

Press and hold any button (more than 2 seconds) until the corresponding indication appears.

Note! When the heating is turned off, the brightness of the indicator is reduced and the heater operates only in thermometer mode.

**Turning on the timer** (heating for a specified time). When turning the heating on and off (see above), dash ("—") are briefly displayed, when displayed, you can set the operating time of the heater from 1 to 12 hours at a preset temperature. When entering the number of hours (pressing buttons), a pause of more than 4 seconds will be perceived as completion of the entry.

After the specified operating time has elapsed (even if there is a power failure), the device will switch to the "Heating off" mode.

**Note!** Confirmation that the heater is operating on a timer is the temperature display with a change in brightness (pulsing).

Note! To cancel the timer operation of the heater, simply change the set



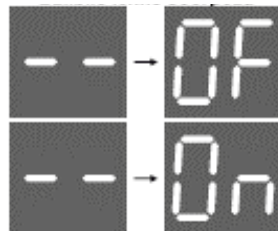
Flashing

Lock



Unlock

Heating on



Heating off



Flashing

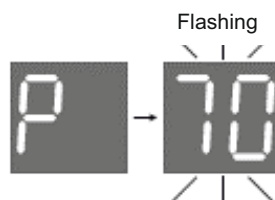


temperature or turn off the heating.

View the heater surface temperature.

Briefly press both buttons. The surface temperature of the heater will be displayed for 3 seconds, after which the room temperature display will resume.

**Attention!** If the heater surface temperature is displayed constantly, which means the remote (room) temperature sensor is not connected or damaged. In this case, regardless of the temperature in the room, the surface of the heater will constantly heat up to the set value 'p' (see 2).



## 2. Setting the limit temperature of the heater surface.

When heating using a room temperature sensor, the surface temperature of the heater is automatically set depending on the heat loss of the room and can be between the room temperature and the set upper limit. The factory set limit is 95°C (maximum), but You can set it lower (children's room, etc.).

**Note!** The more You limit the heating limit of the heater, the smaller area it can heat.

To set the limit temperature, press any button. The set room temperature will be displayed and flashing. While the value is flashing, press and hold both buttons simultaneously for at least 2 seconds. The set heater surface temperature limit value 'p' will be displayed and flashing. Set the required value and wait 6 seconds to exit the settings mode.

Auto reducing  
disabled



Auto reducing  
allowed

If you do not have enough power from the electrical network (the circuit breaker trips), you can turn on the function of automatically reducing the heater power (by 50%) when the set temperature is reached.

To turn this function on and off, you must simultaneously press and hold both buttons in the mode for setting the limit temperature of the heater surface (see paragraph 2. **Setting the limit temperature of the heater surface**), then, no later than 1.5 seconds later, remove and reinsert the plug into the socket and only After the corresponding indication appears, release the buttons.

## Disposal of the heater



Do not discard the heater together with other household rubbish items. Check on the local rules of metal electrical appliances.

## WARRANTY

The manufacturer guarantees for the heaters depend upon observance of the terms of transportation, storage, installation, and operation.

Upon receipt of the product, carefully inspect the heater and its packaging. In the case of a fault or damage which could occur because of being dropped or getting knocked during transit. The manufacturer offers a warranty of 5 years on the heating panel operation and 2 years on the built-in digital thermostat. Your warranty begins from the date of purchase from your supplier.

Warranty services of the purchased heater are carried out through the Seller, or authorized service facilities if available in your particular area.

The warranty is a new replacement warranty on the heater but the period of 5 years stands at 5 years from the day of original purchase not the date of replacement.

The thermostat 2 years warranty means that you are responsible in the 2 years period to return it to your supplier and they will send a new heater. If after the 2 years expires a new thermostat may be purchased from the seller.

The Infrared Heater Company Ltd shall have no liability for installation or replacement ( third party) costs or consequential loses however incurred. The decision to repair or replacement will made solely by The Infrared Heater Company Ltd and any replacement will be as close as possible in specification to the failed heater.

Removing the serial number will void the warranty. The warranty will also be void if the heater has been tampered with or opened and changed in any way.



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## Disclaimer

The Infrared Heater Company Ltd cannot accept responsibility for damage, loss or injury caused by ingress of water or moisture, accidental damage, mishandling, external impact, adjustment by unauthorized personnel or failure to follow the correct maintenance and safety precautions as stated in the manual.



## Save energy

Most people are comfortable in living areas at around 19c with infrared but it varies person to person. Take time to experiment and get used to your system and the temperatures you are comfortable with. The lower you set your thermostat, the less electricity you will use.

Only heat the rooms that you use. Spare rooms can be heated to much lower temperatures and boosted when people will be occupying them.



### **Don't over heat your room and take time to let the system work**

Infrared is different to conventional heating. Because all of the energy from the heater is absorbed by the room and the objects in it (we call it the "thermal mass"), it takes time for the thermal mass to warm up. It's only once the room itself is warm that you will feel warm. The great thing is that this heat is retained longer and only needs topping up to account for the heat loss escaping from the room. In the longer term you will use less energy than convection heating. At the start of the heating season or when your room has cooled a lot the heater may be running for longer periods and could take several days to warm up. Don't make the mistake of increasing the temperature on the controller more than you want it to be – it won't heat the room any quicker but will waste energy by overheating the room.



### **Don't underspecify your heater requirements**

Please don't try to heat a room with an undersized heater you'll just end up cold and wasting energy and money. Ensure you have the correct sized heater(s) for the room.



## WARRANTY CERTIFICATE

Buyer

Seller

Model

Serial number

Sales date (installation)

For warranty, please call: 01204588545

Importer: «The Infra Red Heater CO Ltd», 13 Wordsworth avenue, Bolton,  
BL49TB, UK, [info@infraredcompany.com](mailto:info@infraredcompany.com)







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