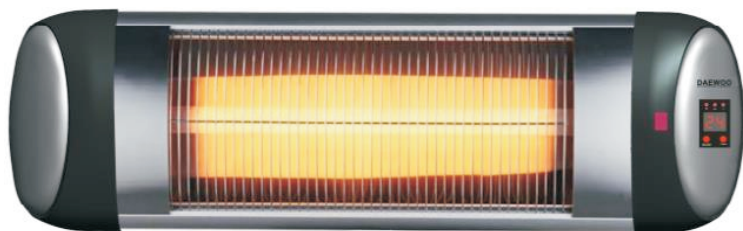


DEVANTI®

RADIANT HEATER

NXW-2000R (RHP-2000R-SI)



THE USER MANUAL AND WARRANTY CERTIFICATE

WARNING!

**PLEASE DO NOT USE THIS PRODUCT IN THE VERTICAL
POSITION**

Distinguished Customer,

This manual has been designed for our Infrared Line, Infrared Star and Infrared U K Line models.

You have purchased a high quality, efficient and original Infrared Heater.

We would like to express our gratitude to you for your appropriate choice and confidence in our company. Please read this manual thoroughly in order to attain a sustainable satisfaction with your heater.

Appropriate installation, operation and maintenance are of great importance for the security of you and of those who are to benefit from the heater.

The difference between Infrared Classic, Infrared Line and Infrared Star models is the duration of lives of the filaments employed.

Please keep this manual in a safe place for future reference and urgent needs.

We wish you to enjoy your new Infrared Heater for better days and times.

All Infrared Products have CE/GS/EMC/ETL/ROHS certificate.

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2. Safety

2.1 Safety Instructions (A+B)

A-Electrical Connection Safety

- Check whether your appliance and power cord are damaged before operating your appliance.
- Check whether there is any crack, disjoint or scratch on the filament (heating tube). If any, contact with your authorized technical service.
- If you appliance or power cord is damaged, do not operate your appliance and return it to your technical service.
- Make sure that the main electricity circuit is 220-240V and the connection is fused.
- Check the safety of the network. The fuse must be 25A.
- Do not use your infrared heater together with another appliance plugged to the same multiple sockets or connected to the same fuse.
- Use your appliance with a properly earthed plug.
- The earthed plug must fall outside heating field and hot surface.
- The power cord must not be left on or around the frame of your infrared appliance.

- Unplug your appliance when you won't operate it for a long term or will conduct cleaning or maintenance.
- The damaged heater glass must be exchanged.
- If the cable of the heater should be damaged, this may be replaced only by the authorized service.
- It has to be notified that the mounting in the bath must be so that the persons in the bath can not reach the controls.
- It has to be notified that the product has to be installed at a dry location and may not be wet.

B-Safe distances required for installation on the wall, high temperature and fire protection

- Attention! The appliance must only be operated in a horizontal position with $\max \pm 15^\circ$ slope. In case of operations in angles larger than 5° in horizontal position or of vertical operations, the heating loop wire may fall into disuse shortly.
- Never install your appliance on a combustible surface (carton etc.)
The distance of your appliance from the ground is to be min 1.8 m (6 feet).
- The distance of your appliance from the ceiling is to be min 0.7 m (2.5 feet).
- The distance of your appliance from the corners to be installed is to be min 0.4 m (1.5 feet) and from the combustibles like curtains must be min 1 m (3.5 feet).
- The distance of your appliance from the living beings is to be min 1 m (3.5 feet).
- The distance of heating area of your appliance from the materials such as wood, carton, cloth etc., must be min 1 m (3.5 feet).
- Do not cover your appliance and do not hang any clothing over the heater or do not place any clothing on or near the appliance.
- Do not stick anything into the protective grid.
- Do not make use of your heater to light up cigarette or similar materials.
- Supervision is needed when this product is used anywhere near children. The appliance is not intended for use by children or other persons without assistance or supervision if their physical, sensory or mental capabilities prevent them from using it safely.
- Risk of Fire-keep combustible material such as furniture, papers, cloths, and curtains at least 0.9 m (3 feet) from the front of the heater and away from the sides and rear.

Warning-TO REDUCE THE RISK OF FIRE

- 1) Do not place any objects such as furniture, papers, cloths, and curtains at least 0.9m (3 feet) from the front of the heater and away from the sides and rear when the heater is plugged in.
- 2) Do not place the heater near a bed because objects such as pillows or blankets can fall off the bed and be ignited by the heater.
- 3) Always unplug the heater if it is not being used.
- 4) Avoid the use of an extension cord because the extension cord may overheat and cause a risk of fire. However, if you have to use an extension cord, the cord shall be 1.5mm² minimum size .Do not operate within 7.6 m (25 feet) of flammable material.

- Never block the front grill of the heater.
- The heater is not suitable for hazardous locations.
Never attempt to service the heater without disconnecting its power source.

2.2 Safety Instructions (C+D+E)

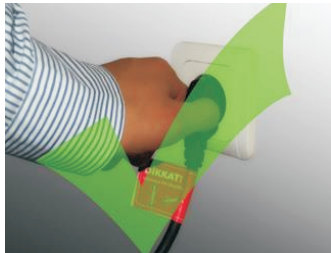
C-The distance from bath tub, washbasin or other sanitary installations

You may operate your heater in the bathroom and outdoors considering the items below:

- The distance of your appliance from bath tub, washbasin or other sanitary installations is to be min 0.6 m (2 feet). The distance of 1 m (3.5 feet) is recommended for more safety.
- The distance of the earthed plug from bath tub, washbasin or other sanitary installations must be min 0.6 m (2 feet).
- 1 m (3.5 feet) distance is recommended for more safety.

D-Cleaning and Maintenance Instructions

- Unplug your heater first.



Unplug power cable



Never pull your power cable to
unplug your heater

- Take out the front grid to clean the reflector (reflecting mirror) and the filament and apply the instructions on page 19.

E-Repair and Service (page 20)

- Attention! Only technical services and persons authorized by SUN may serve, repair and replace the parts of this heater.

Distinguished Customer:

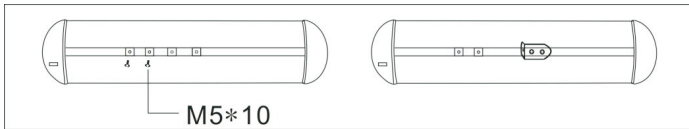
Please read safety instructions carefully for the security of you, your family and your

belongings before operating your appliance.

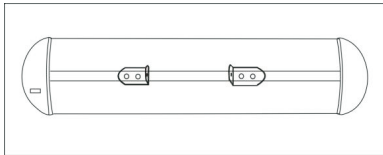
3. Installation

3.1 Installation Instructions

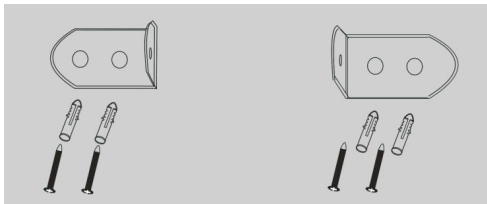
- ① There are 4 brackets and fasteners used with the heater. Furthermore, in the canal of back side of the heater there are 4 square fastener washers 25×25mm. Relieve square washers(Figure 7.1)and fasten 2 brackets to the canal of the backside of the heater by the help of screws(Figure 7.2.)



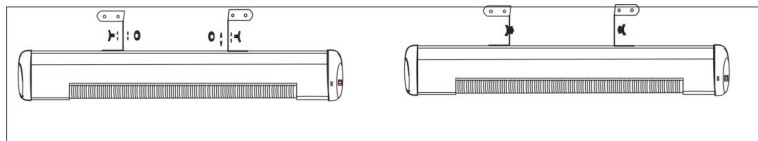
- ② Fasten the brackets at the appropriate distance of each other(45-55cm) (Figure 8).



- ③ Two other brackets are fastened by the help of fasteners at the appropriate distance on the wall parallel to the floor (At least 1.8 m from the floor and at least 0.5 m from the ceiling).(Figure 5).

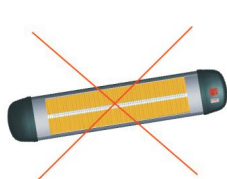


- ④ Join the brackets on the heater with the brackets, fastened on the wall, with help of figured screw-nuts(Figure 6).Install the heater under necessary angle(in the direction to the area being heated).Look at issue 4:(Main rules of heater using).



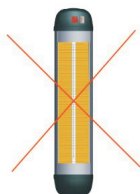
- ⑤ Electric wiring for the heater has to be done by the qualified specialist.

Installation positions: Attention! Fixing only at $\pm 5^\circ$ horizontally is of great importance for permanent operation.

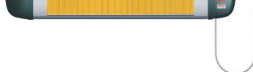


5° or more slope

WRONG



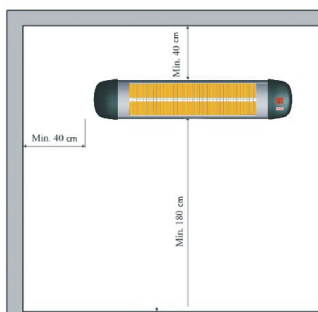
WRONG



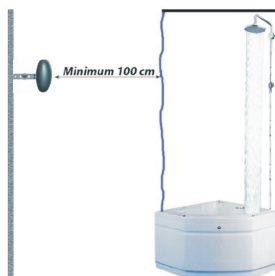
RIGHT

Safety Distances: Minimum distances required for safety

Minimum distances from wall corners



Minimum distances from coverage area and other objects



3.3 Installation Instructions with Right and Wrong Positions

DIRECT YOUR HEATER TOWARDS THE MOST APPROPRIATE ANGLE

Do not let the light out through window, glasses etc. as the heater primarily heats the locations onto which its light falls.



WRONG



RIGHT



WRONG



RIGHT



WRONG



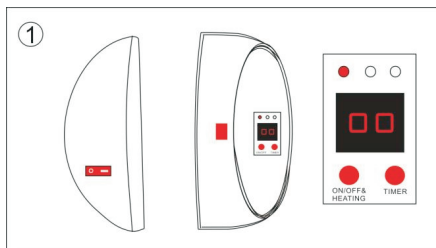
RIGHT

4. Using steps

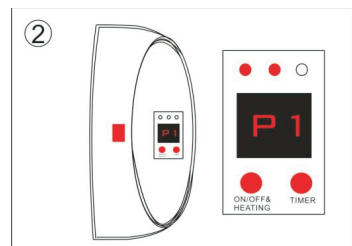
Step 1: Plug the power cord into the outlet

Step 2: press rocker power switch to "—" position and the digital screen shows "0 0" which

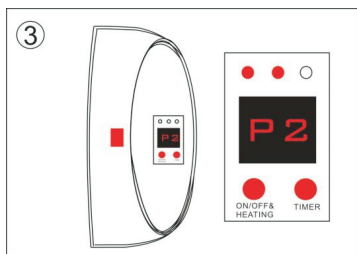
means power on



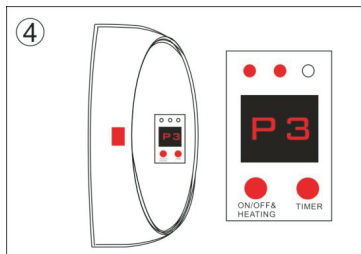
Step 3: Press ON/OFF once, the digital screen shows “P 1” which means first power setting



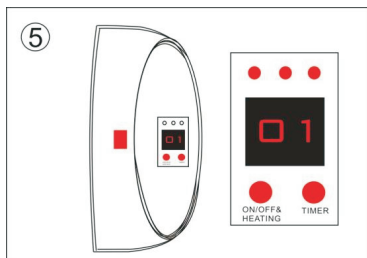
Step 4: Press ON/OFF two times, the digital screen shows “P 2” which means second power setting.



Step 5: Press ON/OFF three times, the digital screen shows “P 3” which means third power setting.



Step 6: After the function is on, 1-24 hours timing shutdown can be adjusted. The digital screen showing "0 1" indicates timing one hour, "0 2" indicates timing two hours, etc.



5. Application Fields

Application fields of Infrared Line and Infrared Star models

Home Applications

Sitting room
Nursery room for children
Guest room
Corridor
Bathroom
Nursery room of babies
Study room
Summer house
Hobby room
Swimming pool



Office Applications

Office
Meeting room
Entrance
warehouse
Workshop
Shop
Internet cafe
Market
Showroom
Swimming pool
Classroom
Greenhouse
Church
Factory and production line
Warehouse and loading area
Exhibition
Hotel, Nursery room
Passageway
Airport
Train station



6. Specifications

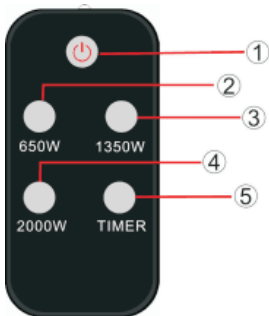
Model: RHP-2000R-SI

| | |
|-------------------|--------------|
| Voltage | AC220V-240V~ |
| Frequency | 50Hz |
| Electric power(W) | 2000W |

7. Operating Instructions

7.1 Definitions of the Buttons on the Remote Control

The functions of the heater may be controlled via the buttons on your remote control and LED screen. You may also control some of the functions of your heater through the buttons on the front side of the heater.



Remote Control

1. On / Off

Switches on or off the heater or stands it by.

2. First gear

After turn on the heater, you can choose low heating.

3. Second gear

After turn on the heater, you can choose moderate heating.

4. Third gear

After turn on the heater, you can choose high heating.

5. Timer Off

Switches off the heater in present time and starts stand_by mode.

7.2 Operation of the Remote Control

1. Turn on the power, the buzzer on the products will beep once, the digital screen and the indicator is no show. At this time, press On / Off button to make it in stand by mode.

2. Press the function button to choose the power level. P0 indicator appears on the screen, indicating that the appliance is in stand by mode. P1 indicator appears on the screen, indicating that the appliance is in low-grade mode. Press the function button again to mid-grade, the buzzer will beep once, P2 indicator appears on the screen, indicating that the appliance is in mid-grade mode. Press the function button again to high-grade, the beeper will beep once, P3 indicator appears on the screen, indicating that the appliance is in high-grade mode. Press the function button again, you can choose low, medium and high gear, P0 indicator appears on the screen, indicating that the appliance is in stand by mode. Continuously press the function button, "P0 - P1 - P2 - P3 - P0" appears on the digital tube as a circulation, corresponding to the appliance mode is "Stand-by---Low-grade---Mid-grade---High-grade---Stand-by".

3. In stand by mode, press the timer button, the appliance can set time from 1 to 24 hours. After set the time, the indicator next to the digital tube will light up, it means that the appliance has been selected timer function. "0" indicates time not set.

4. When the appliance is on working, the digital screen always shows the power state (P1-P2-P3). The timer setting, when the indicator lights up, it means that the machine has been set a timer function from 1 to 24 hours. To view the regular time, press the timer button, the appearing time is the present setting time, indicating that the appliance enters into the timer setting state.

7.3 Manual Operation

Control through the main module on the heater:

P0 indicator appears on the screen when the heater is switched on and it is in stand by mode.

The 1st digit on the screen illustrates P symbol while 2nd digit illustrates power level mode from 1 to 3.

The button number 1 on the heater functions as ON / OFF. The heater starts operating at the power level mode at which it has been switched off.

Press the button number Temi on the heater to adjust power mode.

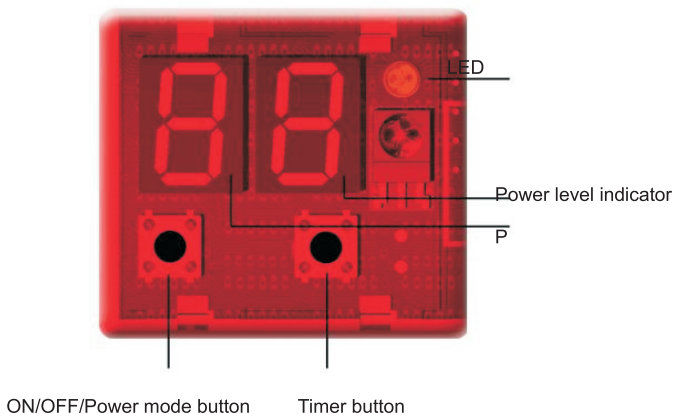
P0 appears on the screen when pressed ON / OFF button and the power level mode (P1, P2, P3) can be adjusted through the buttons on the remote control.

Press ON / OFF button on the remote control or the heater itself to switch off the heater.

The heater starts functioning in stand by mode after electricity cut.

LED keeps flashing in case of a program set by remote control.

Buzzer signal is given following each command.



8. Cleaning and Maintenance Instructions

Maintenance

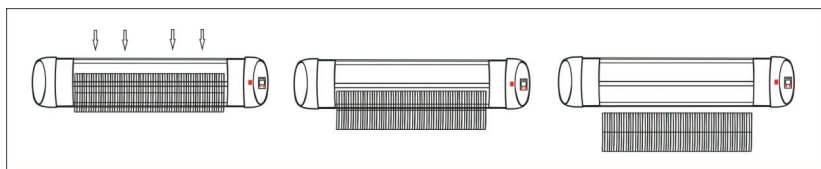
Attention! Careful and regular maintenance of infrared Heater is required to attain a long and efficient operation of your appliance.

- 1- Check the cleanliness of the reflector and IR-filament at least once a month. If necessary, apply cleaning and maintenance instructions.
- 2- The number of checks may be increased considering the amount of the dust in the environment.
- 3- Check the deformation of the reflector, wire and frame visually while cleaning the appliance. In case of any deformation, consult a qualified technician.
- 4- Check the power cable and plug visually while cleaning the appliance. In case of any deformation, consult a qualified technician.
- 5- It is recommended to change the reflector every 2 years for more efficient operation.

Cleaning

Attention! Regular and careful cleaning helps your heater operate for longer years and more efficiently.

- 1- Unplug your power cable for your safety before cleaning your appliance.
- 2- Take out the front grid wire through the inlets on the frame using a slotted screwdriver.
- 3- Make sure that the power is off for your safety. Power cable plug must be unplugged.
- 4- The reflector and filament must be cleaned with a soft cloth, a smooth brush or cool or dry air. The cloth may be damp but never too wet and the cleaner should not include any chemical.
- 5- Refrain from using cleaning material likely to damage the reflector (cleanser etc.).
- 6- Insert the wire grid using a slotted screwdriver.



9. Technical Service

Attention!

Only technical services and persons authorized by SUN may serve, repair and replace the spare parts of this heater.

Points to be considered before shipping the product to the technical service:

- 1- Make sure that the thermostat of your appliance is in "0" mode.
- 2- Make sure that the plug, to which the appliance is connected, has power, check the

fuse and power cord. If the plug lacks power, consult to an electrician.

- 3- Make sure that the appliance has been installed in accordance with the instructions in the manual. If the installation is inaccurate, consult to technical service.

Call the dealer to get service

10. Terms of Warranty

Warranty by SUN does not cover the defects arising out of the improper use the appliance. The warranty does not cover the situations below:

- 1- The damages and defects arising out of improper use.
- 2- The damages and defects having occurred during the transportation after the delivery of the product to the customer by the company.
- 3- The damages and defects arising out of low or excessive voltage, ungrounded plug usage, faulty electricity systems, operating the appliance in different voltage values other than specified in the instructions.
- 4- The damages and defects arising out of fire and lightening.
- 5- The damages and defects arising out of repairs and maintenance by persons other than Authorized Services.
- 6- The defects arising out of the breach of the instructions in the manual.
- 7- The damages and defects arising out of the transportation of the product instead of repair.

Attention! Faulty maintenance and cleaning are not covered by the warranty.

- 1- The dust and polluters in the environment.
- 2- Damage in the reflector or filament due to faulty cleaning.
- 3- Faulty installation or dismantlement.
- 4- Operating with damaged filament, frame or power cord.

Above mentioned defects and services are not covered by the warranty.

Should this product be proven defective in workmanship or material, the consumer's sole remedies shall be such repair or replacement as provided by the terms of this warranty. Under no circumstances shall SUN be liable for any loss or damage, direct, consequential, or incidental, arising out of the use of or inability to use this product.

This warranty will be voided if the certificate of warranty lacks the stamp and signature of the supplier as well as the date of purchase.

This warranty will become void if the serial number (if applicable), model number

identification, or brand have been wholly or partially removed or erased.

All products have CE/GS/EMC/ETL certificate.



This symbol on the product or its packaging indicates that the appliance cannot be treated as normal domestic trash, but must be handed in at a collection point for recycling electric and electronic appliances.

Your contribution to the correct disposal to the product protects the environment and the health of your fellow men. Health and the environment are endangered by incorrect disposal. Further information about recycling of this product can be obtained from your local town hall, your refuse collection service, or in the store at which you bought the product.