



INFRARED PANEL HEATER INSTRUCTIONS MANUAL



Congratulations on purchasing WEXSTAR Infrared Heater. WEXSTAR focuses on reaching the highest quality standards and optimal heating performance with the lowest possible energy consumption. With the WEXSTAR infrared heater you will witness the heat being distributed uniformly in the room and absorbed by objects and walls that release the warmth back into the room. This creates an overall cozy and comfortable feeling of heat.



By: Spacio Innovations Inc.

PLEASE READ AND SAVE THESE USE AND CARE INSTRUCTIONS

SYMBOLS



Warning

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



Warning of electrical voltage

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

Symbols	Meaning
	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.

CONTENT

- 1 | WARNINGS & PRECAUTIONS
- 2 | FEATURES
- 3 | TECHNICAL INFORMATION
- 4 | SCOPE OF SUPPLY
- 5 | DEVICE STRUCTURE
- 6 | INSTALLATION
- 7 | TROUBLESHOOTING
- 8 | MAINTENANCE & SERVICING
- 9 | STORAGE
- 10 | WARRANTY
- 11 | DISPOSAL
- 12 | ACCESSORIES SOLD SEPARATELY

1 | WARNINGS & PRECAUTIONS

Read this manual carefully before starting or using the device. Always store the manual in the immediate vicinity of the device or its site of use!

In this manual there is important information for the installation of your infrared heater. You have acquired an ecologic, economic heater and are thereby making an effective contribution towards saving the environment. This heater can be used with a thermostat.

The infrared heating system proves itself through simple installation, flexibility in the assembling and freedom from maintenance. So, you can enjoy long use of your infrared heater and to assure your safety. The infrared heating element does not work on the principle of convection heat but is rather a radiant heater. Therefore, it is possible at the start-up that cold areas (furniture, walls, ceiling and floors) need to be warmed up first. If you don't immediately have a comfortable feeling of warmth, then let the heater run for several hours, or even several days if necessary, until a comfortable indoor climate has been reached. As soon as the solid areas have warmed up, comfortable warmth will spread throughout the room and then you can pare down the running time of your heater to the minimum.

Read all safety warnings and all instructions.

Failure to follow the warnings and instructions may result in electric shock, fire and / or serious injury. Save all warnings and instructions for future reference.



Warning

Do not mount those panels designed for wall only, to ceiling!
Do not mount those panels designed for ceiling only, to wall!
Or else it might cause overheat and burning.



Warning

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 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.



Warning

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 been placed 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 and clean the appliance or perform user maintenance.



Warning

Some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present. It is dangerous the installation close to curtains and other combustible materials. To avoid the possibility of burns, the following people should be much more careful when using the heaters: infants and kids, people with sensitive skin, old people, sick people, people who is drunk, people who takes sleeping pills.

- **Remove all the protective films (both on the front and on the back) before using.**
- Be sure the input voltage is between 120V, 60Hz.
- Do not use the device in potentially explosive rooms.
- Set the device up in an upright and stable position.
- Let the device dry out after a wet clean. Do not operate it when wet.
- Do not use the device with wet or damp hands.
- Do not expose the device directly to squirting water.
- Never insert any objects or limbs into the device.
- Do not cover the device during operation.
- Do not sit on the device.
- This appliance is not a toy! Keep away from children and animals. Do not leave the device unattended during operation.
- Check accessories and connection parts for possible damage prior to every use of the device. Do not use any defective devices or device parts.
- Ensure that all electric cables outside of the device are protected from damage (e.g. caused by animals). Never use the device if electric cables or the power connection are damaged!

- Insert the mains plug into a properly secured mains socket.
- Do not use the device when the socket or wire is overloaded.
- Observe the device's power input, cable length and intended use when selecting extensions to the power cable. Completely unroll extension cables. Avoid electrical overload.
- Before carrying out maintenance, care or repair work on the device, remove the mains plug from the mains socket.
- Switch the device off and disconnect the power cable from the mains socket when the device is not in use.
- Do not under any circumstances use the device if you detect damages on the mains plug or power cable. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard. Defective power cables pose a serious health risk.
- Never drill into the heating device.
- Do not use the device in immediate proximity to curtains.
- Do not place the device on combustible ground.
- Do not transport the device during operation.
- Do not touch the surface during the device working to avoid burns.
- Allow the device to cool down before transport and / or maintenance work.

- Do not use this device near bathtubs, shower trays, swimming pools or other water containers that can cause a risk of electric shock!
- The device must be placed where the switches and controllers cannot be touched by a person in a bathtub or shower.

IMPORTANT INSTRUCTIONS WHEN THE HEATER IS USED AS A MOVABLE HEATER WITH THE STAND SUPPORT

- Read all instructions before using this heater as a **movable heater**.
- This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. If provided, use handles when moving this heater. Keep combustible materials, such as furniture, pillows, bedding, paper, clothes, and curtains at least 3 feet (0.9 m) from the front of the heater.
- Extreme caution is necessary when any heater is used by or near children or invalids and whenever the heater is left operating and unattended.
- Always unplug heater when not in use.
- Do not operate any heater with a damaged cord or plug or after the heater malfunctions, has been dropped or damaged in any manner. Discard heater or return to authorized service facility for examination and/or repair.
- Do not use outdoors.
- This heater when used as movable with the stand feet in bathrooms, laundry areas and similar indoor locations; never

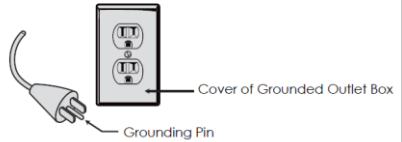
locate heater where it may fall into a bathtub or other water container.

- Do not run the cord under carpeting. Do not cover the cord with throw rugs, runners, or similar coverings. Do not route cord under furniture or appliances. Arrange cord away from traffic area and where it will not be tripped over.
- To disconnect the heater, turn controls to off, then remove plug from outlet.
- Connect to properly grounded outlets only.
- A heater has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint, or flammable liquids are used or stored.
- Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to people.
- Hyperthermia can result in death. Symptoms of hyperthermia include high body temperature, headache, nausea, vomiting, tiredness, dizziness, fainting, and rapid pulse. If you begin to experience symptoms related to hyperthermia, turn off the heater and seek medical attention.
- To avoid excessive room temperatures which can cause hyperthermia: DO NOT leave product running unattended in a confined space around infants, or individuals with reduced physical, sensory, or mental capabilities.

SAVE THESE INSTRUCTIONS



WARNING: This heater has a voltage rating of 120 volts. The cord has a three-blade, grounding type plug. DO NOT DEFEAT THE SAFETY PURPOSE OF THE GROUNDED PLUG.



2 | FEATURES

- The device is designed to provide an efficient, comfortable and healthy heating system for any domestic users.
- These devices do not require air circulation to transmit the heat and help to maintain a clean, silent, dust free environment.
- A wide range of devices available in a huge choice of sizes and styles.

3 | TECHNICAL INFORMATION

Heating element	Carbon (square shape) NiCr heating wire (round shape)
Heating way	Far infrared heating
Voltage	120V/60Hz
Surface temperature	Wall Heater 85-95 degree C Ceiling heater 90-105 degree C
Frame	Aluminum
IP grade	IP54 (exclude plug)
Over heating protection	Yes
Power cord length	1.9m

Model NO.	Size(mm)	Power (W)	Voltage Frequency	Rated Current	Mounting way
F-350WA	595*595*25	350W	120V/ 60Hz	2.92A	Wall only
F-450WA	705*605*25	450W		3.75A	Wall only
F-580WA	1005*605*25	580W		4.83A	Wall only
F-700WA	1195*595*25	700W		5.83A	Wall only
F-900WA	1205*755*25	900W		7.50A	Wall only
F-1100W	1205*905*25	1100W		9.17A	Wall only
F-270CE	595*595*25	270W		2.25A	Ceiling only
F-320CE	705*605*25	320W		2.67A	Ceiling only
F-450CE	1005*605*25	450W		3.75A	Ceiling only
F-550CE	1195*595*25	550W		4.58A	Ceiling only
F-700CE	1205*755*25	700W		5.83A	Ceiling only
F-800CE	1205*905*25	800W		6.67A	Ceiling only

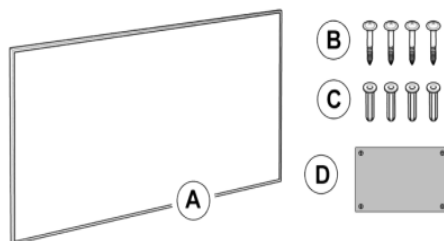
Warning!

Do not mount those panels designed for wall only, to ceiling!

Do not mount those panels designed for ceiling only, to wall!

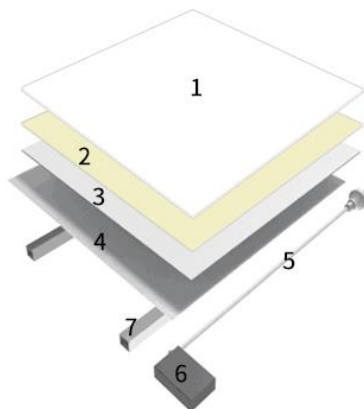
4 | SCOPE OF SUPPLY

- 1 x Heating device
- 4 x Screws
- 4 x Anchors
- 1 x Manual
- 1 x Drilling template



These kits can be used for wall mounting only, special kits shall be used for ceiling mounting, please consult the supplier before installation.

5 | DEVICE STRUCTURE



Designation

- 1 Frameless shell
- 2 Heating element
- 3 Insulation layer
- 4 Rear metal sheet
- 5 Power cable
- 6 Junction box
- 7 Mounting bars

6 | INSTALLATION

Make sure remove all the protective films (both on the front and back)!

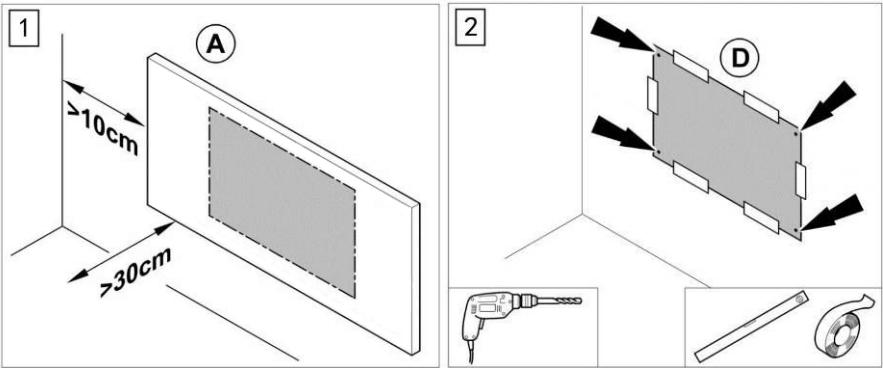
Instruction for Wall Mounting

IMPORTANT: this way is for wall mounting only!

1. Choose the mounting position, keep the required minimum distances.

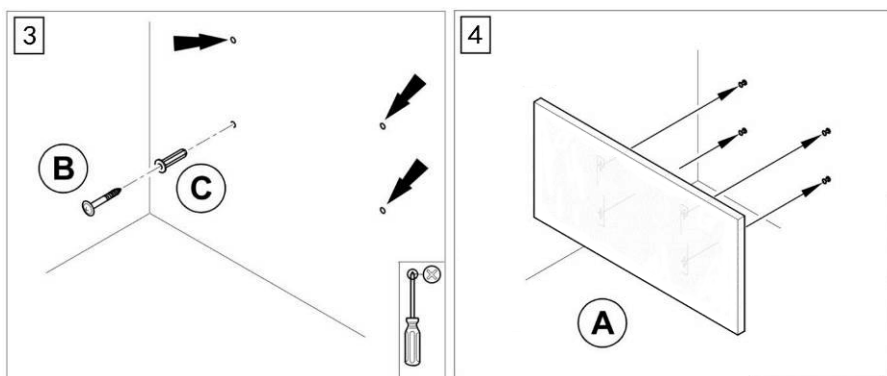
Distances required for device mounting	
front	Minimum 30cm / 12"
left	Minimum 10cm / 4"
right	Minimum 10cm / 4"
top	Minimum 50cm / 20"

2. Mark the positions for the bore holes onto the drilling template (D) if there are no existing marks. Stick the drilling template on the wall. Drill the holes with an 8mm drill bit.

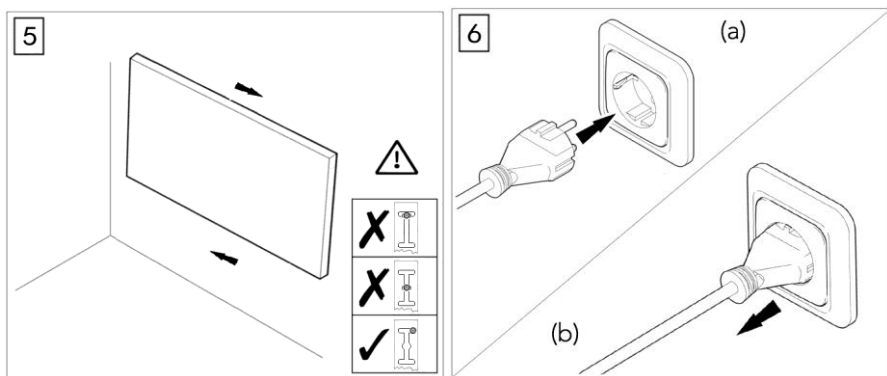


3. Insert the screws into the anchors and fasten the screws. The screws should protrude approx. 0.5 cm / 0.2" from the dowels.

4. Hang the infrared heating device (A) in.



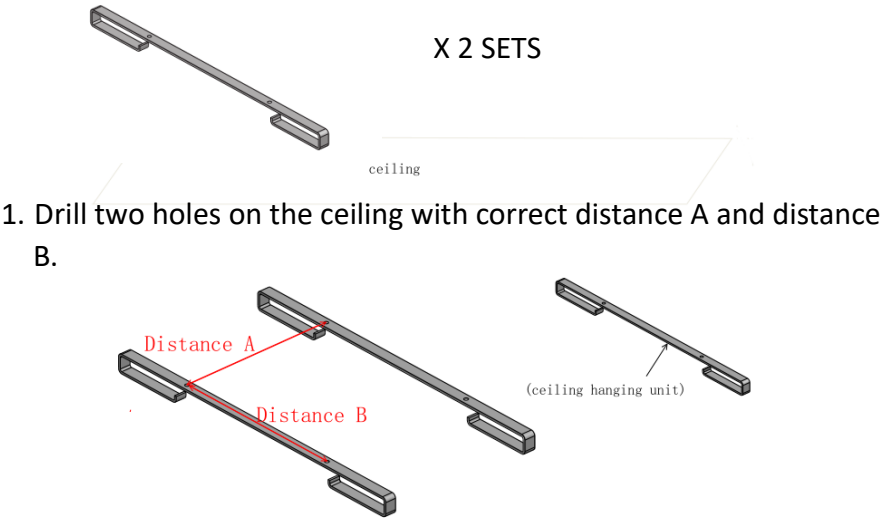
5. Slid the device to make the screws into the correct positions as showing in below drawing.



6. Plug in to start using the heating device.
Do pull out the plug when not in use.

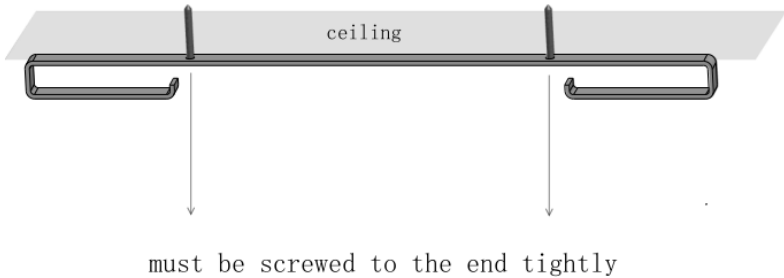
Instruction for Ceiling Mounting Way A:

The below ceiling mounting set is included with the ceiling mounting heaters models only.

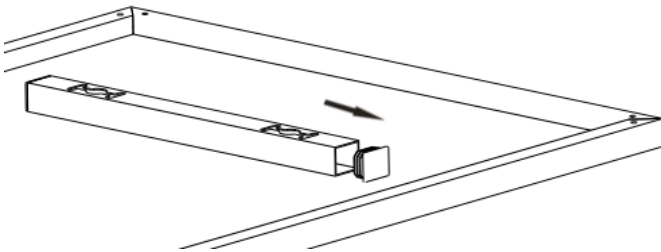


Panel Size/mm	Hole Distances of Screws/mm
595*595	A310*B240mm
705*605	A360*B240mm
1005*605	A480*B240mm
1195*595	A660*B240mm
1205*755	A660*B390mm
1205*905	A660*B470mm

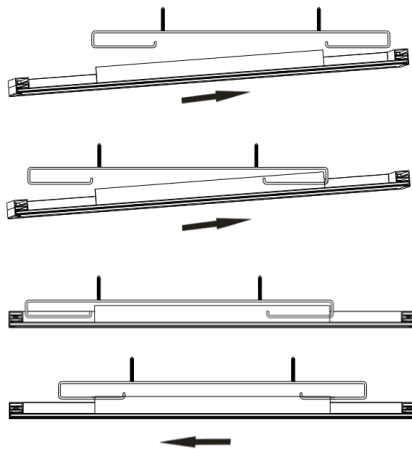
2. Mount the two hanging units onto ceiling with screws, and turn the screws to the end tightly, this is very important.



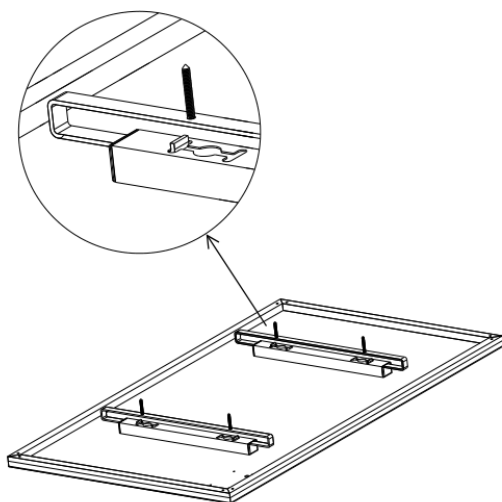
3. Take off all the four plastic caps from the rear of the panel.



4. Slide the panel to make ceiling hanging units into one side of the panel rear bracket first, then push the whole panel close to ceiling and slide the panel back, to make the other end of the ceiling hanging unit enters the other side.



(View after mounting finished)



Instruction for Ceiling Mounting Way B:

The below ceiling mounting set is not included, and it is sold as a separate accessory.



A



I



B



C



D



E



F

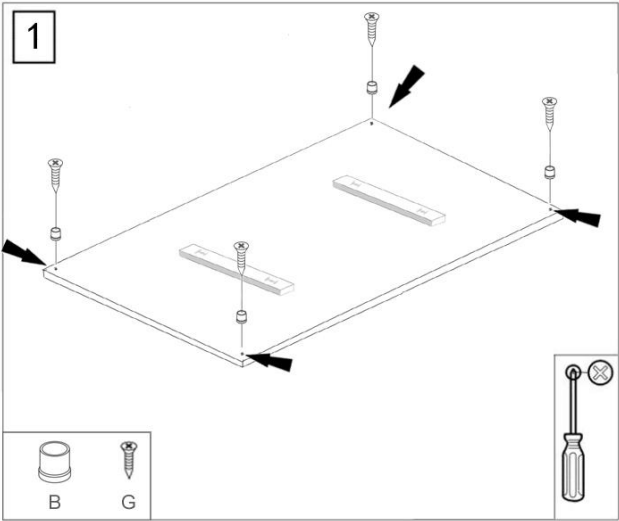


G

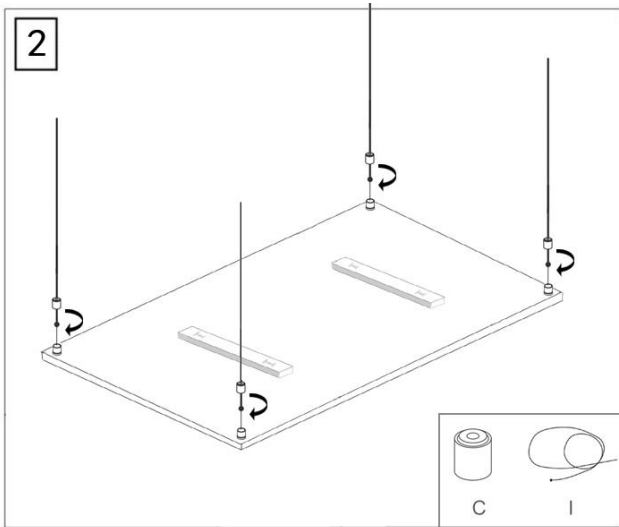


H

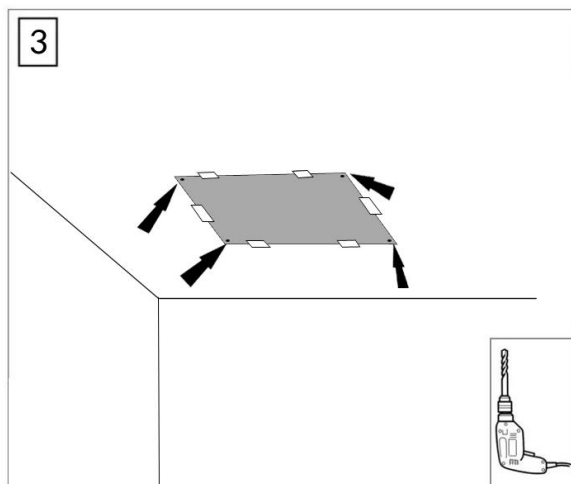
1. Drill four 2mm diameter holes on the rear of the panel if there are no such small holes exists. Insert short screws G into B and screw them into the holes.



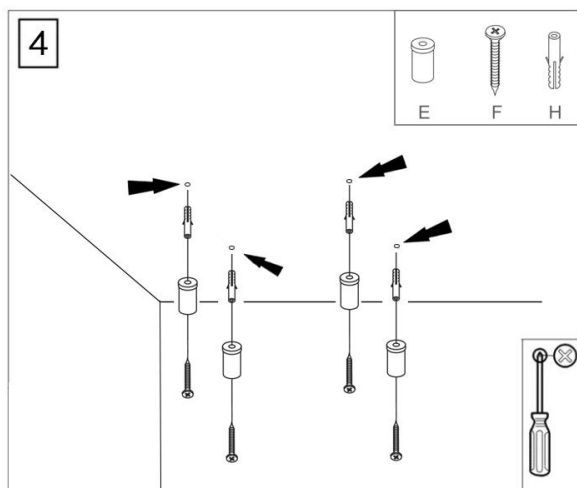
2. Tighten wires I to B by screwing C.



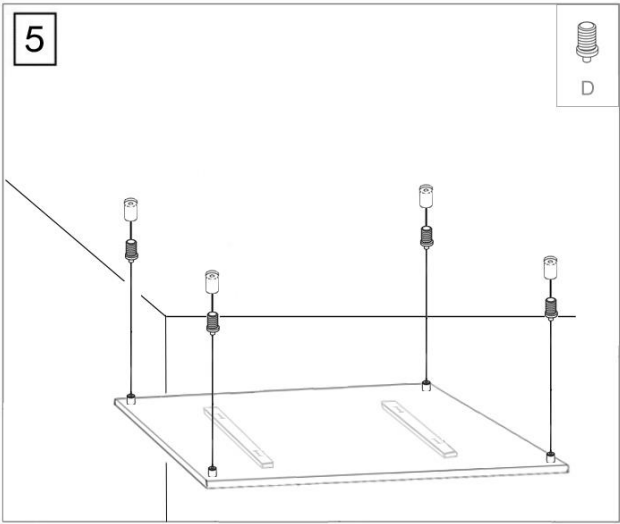
3. Drill four 6mm holes on the ceiling and fix the plastic expansion tubes H on the ceiling.



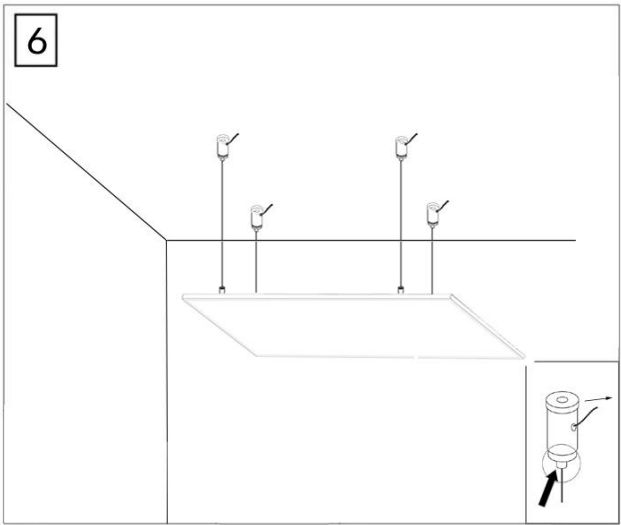
4. Insert the long screws F into the expansion tubes H through the top lock metal head E, then tighten up the screws into the tubes.



5.screw D which is at the other end of the wire into E tight.



6.Press the automatic locking extractor to adjust the desired length of the steel wire.
Release the locking extractor, then it will lock the wire automatically.



7 | TROUBLESHOOTING

Problem	Reason	Measure
It has noise when original charged with electricity	Due to the structure stress of the heat insulator.	It is a normal phenomenon. Don't worry about it.
The surface of the device was slightly raised.	Due to the thermal expansion of the surface material.	It is a normal phenomenon. Don't worry about it.
The surface of the heating device is slightly warm.	1. The voltage is low. 2. In a low-temperature environment.	1. Install a voltage regulator. 2. It is normal.

8 | MAINTENANCE & SERVICING

Activities required before starting maintenance



Warning of electrical voltage

Do not touch the mains plug with wet or damp hands.

- Hold onto the mains plug while pulling the power cable out of the mains socket.
- Allow the device to cool down completely.



Warning of electrical voltage

Tasks which require the heater housing to be opened must only be carried out by authorized specialist companies.

Cleaning the device



Warning of electrical voltage

Never immerse the device in water!

Clean the device with a soft, damp and lint-free cloth. Ensure that no moisture enters the heater housing. Protect electrical components from moisture. Do not use any aggressive cleaning agents such as cleaning sprays, solvents, alcohol-based or abrasive cleaners to dampen the cloth.

Wipe the housing dry after cleaning

9 | STORAGE

When the device is not being used, observe the following storage conditions:

- dry and protected from frost and heat
- in an upright position where it is protected from dust and direct sunlight
- with a cover to protect it from invasive dust, if necessary
- Place no further devices or objects on top of the device to prevent it from being damaged.

10 | WARRANTY

WEXSTAR Electric Panel Heaters are warranted against defects in workmanship and materials for three (3) years from date of purchase. This warranty does not apply if damage or malfunction occurs due to accidents, improper handling or operation, shipping damage, abuse, misuse, alterations, unauthorized repairs made or attempted, damage by accident, theft, fire, flood, external causes such as, but not limited to, improper installation of wiring, operation with connected voltage more than 5% greater than the nameplate voltage, blown fuses, inadequate electrical power, or any use of the product not authorized by the manufacturer, and normal wear and tear. The customer shall be responsible for all costs incurred in the removal or reinstallation of the products including but not limited to labor costs and shipping costs to return the heater to WEXSTAR Service center. Within the limitations of this warranty and at the discretion of Spacio Innovations Inc., we will repair or replace the heater. You shall be responsible for any shipping & handling charges for both the return of your unit, and the sending of a replacement unit, at the discretion of Spacio Innovations Inc. SPACIO INNOVATIONS INC.: SHALL NOT BE LIABLE NOR DOES THIS WARRANTY COVER LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR ANY CAUSE WHATSOEVER, INCLUDING BUT NOT LIMITED TO; NEGLIGENCE, TORT, STRICT LIABILITY OR CONTRACT.

11 | DISPOSAL



The icon with the crossed-out waste bin on waste electrical or electronic equipment stipulates that this equipment must not be disposed of with the household waste at the end of its life.

You will find collection points for return of waste electrical and electronic equipment in your vicinity. The addresses can be obtained from your municipality or local administration.

The separate collection of waste electrical and electronic equipment aims to enable the re-use, recycling, and other forms of recovery of waste equipment as well as to prevent negative effects for the environment and human health.

The future is in your hands. Don't let it go to waste. Find the proper drop-off location.

12 | ACCESSORIES SOLD SEPARATELY

WEXSTAR Thermostat with Remote Control. Model: ETR-008



WEXSTAR Thermostat with Wi-Fi Cellular Phone Control
Model: EWT-009



WEXSTAR Plug-in

Thermostat for Infrared Panel Heater Model: TH-926T



Pair of Stand Feet for F Type Panel Heaters. Model F-STAND



Model F-CEKIT1



Fixing accessory for models

F-270CE,
F-320CE,
F-450CE,
F-550CE,
F-700CE,
F-800CE

Remark: Ceiling-hung heater

Model F-CEKIT3



Fixing accessory for models

F-270CE,
F-320CE,
F-450CE,
F-550CE,
F-700CE,
F-800CE

Remark: Ceiling-hung heater

Contact Us:

Spacio Innovations Inc.

Email: info@spacioinnovations.com

www.spacioinnovations.com

If any items are missing or damaged when opening the box: PLEASE CONTACT US BEFORE RETURNING THE HEATER TO THE RETAIL STORE!

Please direct all inquiries to: info@spacioinnovations.com