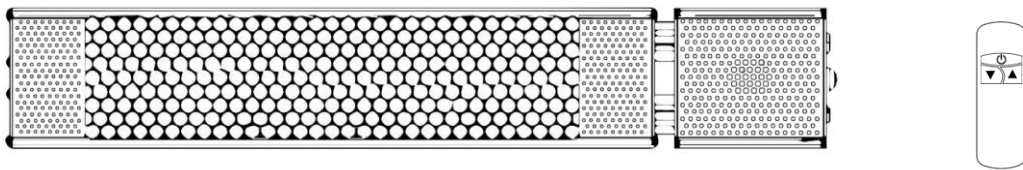


# INSTRUCTION MANUAL



**Model no.: Polar (with RC)**

## **ASSEMBLE & OPERATION INSTRUCTION**

**Please read carefully and Save this instruction for future reference**

## Introduction

The infrared heater contains an gold halogen lamp formed reflector heating system that provides even heat distribution. The infrared heater saves 30%-40% of electricity in comparison to traditional heaters. The infrared heater is commonly used for outdoor spot heating.

## Warning

**READ CAREFULLY**-The infrared heater is designed for safe operation. Nevertheless, installation, maintenance and operation of the heater can be dangerous. Observing the following procedures will reduce the risk of fire, electric shock, injury to person and keep installation time to a minimums. Save these instructions for future used.

## CAUTION:FOR OUTDOOR USE ONLY

1. Read all instruction before using this heater.
2. Remove the unit form it's packaging and check to make sure it is in good condition before using.
3. Do not let children play with parts of package (such as plastic bags)
4. Check the household voltage to ensure it matches the heater's rated specification.
5. Check the power cord and plug carefully before used, to make sure that they are not damaged
6. Before unplugging the power cord, be sure to turn off the power, when energizing the unit, be sure your hands are dry to prevent form electric shock.
7. Do not use flammable objects near or point the heater like furniture, pillows. Bedding, paper, cloths and curtains at least 3 feet ( 1meter ) form the front of the heater and keep them always the sides and rear.
8. Do not use near or in the immediate vicinity of a bath or swimming pool or any source of liquid
9. To protect against electric shock, do not immerse cord or plug in water or any other liquid.
10. Do not insert or allow foreign objects to enter any ventilation or exhaust opening , as this may cause an electric shock, fire or damage to the heater.
11. Always unplug the heater when not in use.
12. Do not allow cord to overhang the counter top where it can be easily pulled by children.
13. Do not put fingers or foreign objects into the grill while in operation .
14. Do not leave the appliance unattended when in use.
15. This heater is not intended for use in bathrooms, laundry and similar indoor locations, never located heater where it may fall into a bathtub or other water container.
16. No liability can be accepted for any damage caused by non compliance with these instructions or any other improper use or mishandling.
17. This appliance is not intended for use by persons (including children) with reduces physical, sensory or mental capabilities or lack of experience and knowledge unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety. Children ad vulnerable people should be supervised to ensure they do not play with the appliance.

18. If the supply cord is damaged in any way, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
19. To prevent overheating of this appliance, keep the air inlets and outlets clean and free of anything that may cause blockage. Check all inlets and outlets from time to time to ensure it is clear of any dirt or dust accumulation.
20. Parts of the heater may exceed 200°C, Contact with the heating tube, reflector, or metal parts near the heating tube, may cause severe BURNS . To avoid burns, do not let bare skin touch hot surface.
- 21.ALWAYS allow heating element to cool at least 10 minutes before touching the heating tube or adjacent part
- 22.This product contains recyclable materials. Do not dispose this product as unsorted municipal waste. Please contact your local municipality for the nearest collection point.

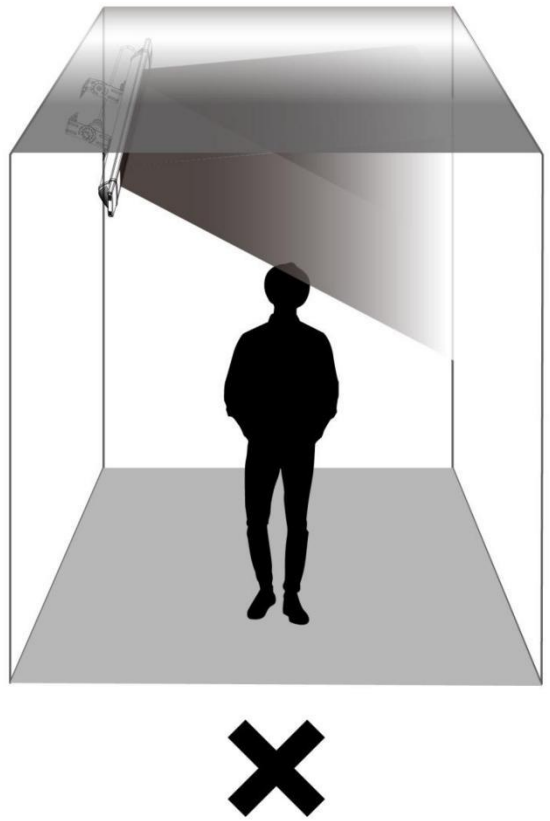
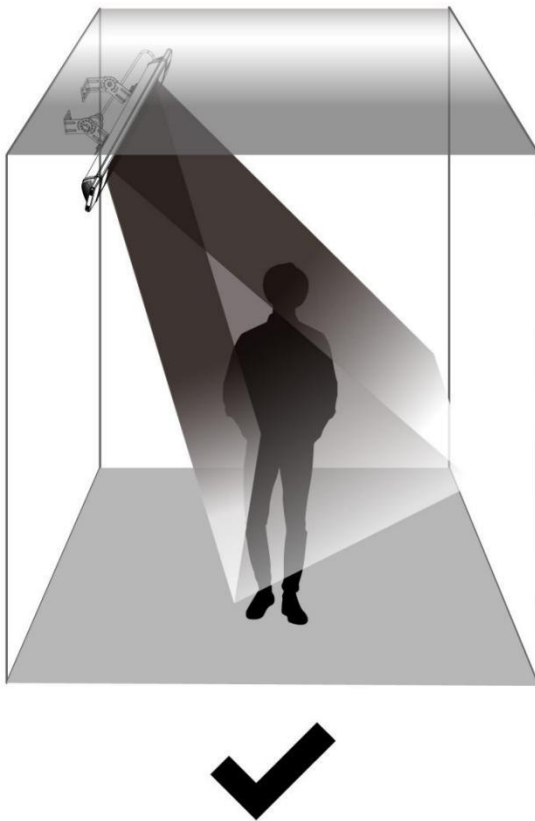
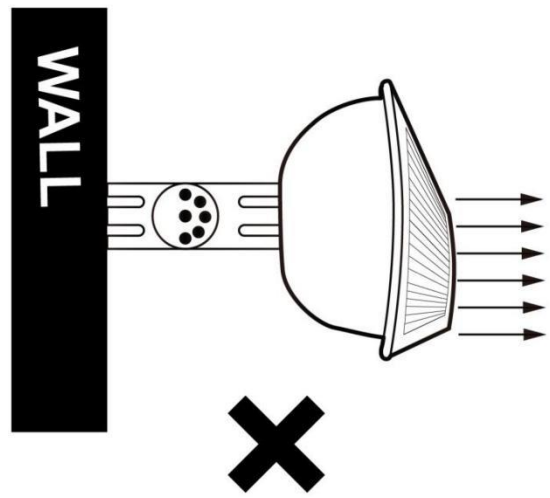
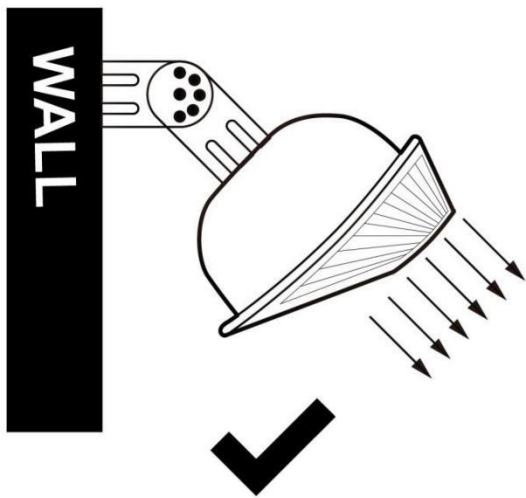
**WARNING : HOT SUFRACE, DO NOT TOUCH, DO NOT COVER  
IT MAY CASE FIRE RISK**

## Introduction

The Polar (with RC) halogen heater produce instant and comfortable heat like the sun. These robust and weatherproof heaters are designed for domestic and commercial heating applications at outdoor well-protected area.

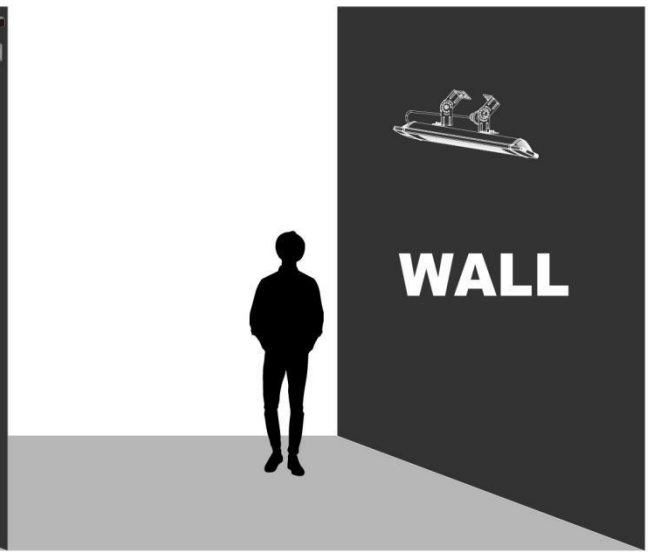
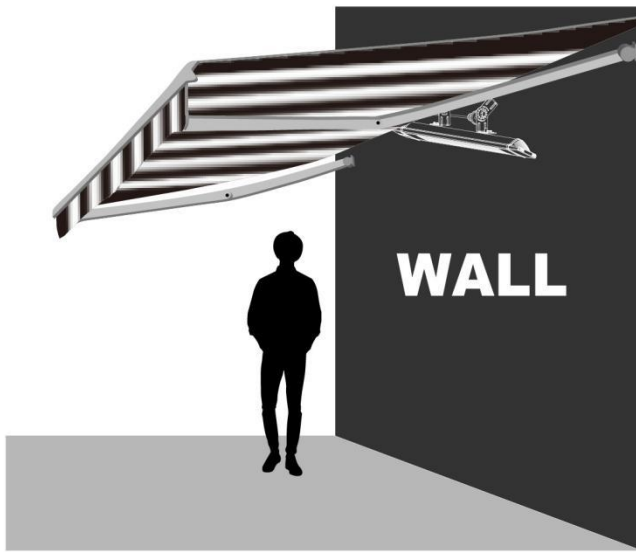
Model	Polar (with RC)
Voltage(V)	220-240V AC
Wattage(W)	2000W
Hertz(Hz)	50/60
Dimensions W × H × D(mm)	62.3*10.6*7.2cm
Weight(KG)	1.6KG

## Correct Installation Position - 01

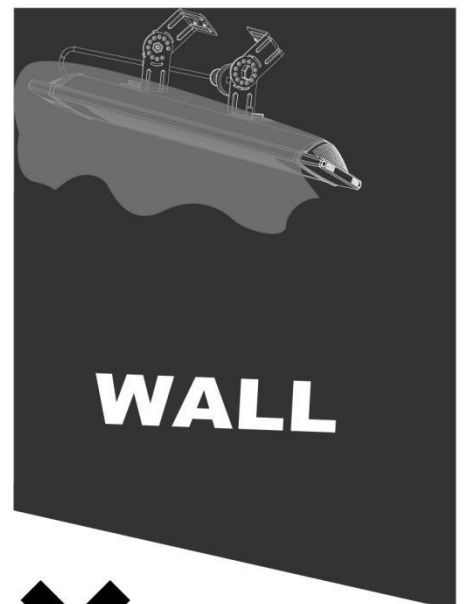
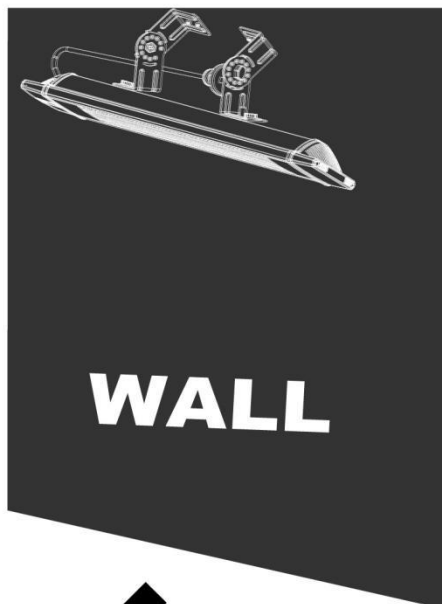


**Note:** Mounted angle with 30°- 45 °.

## Correct Installation Position - 02

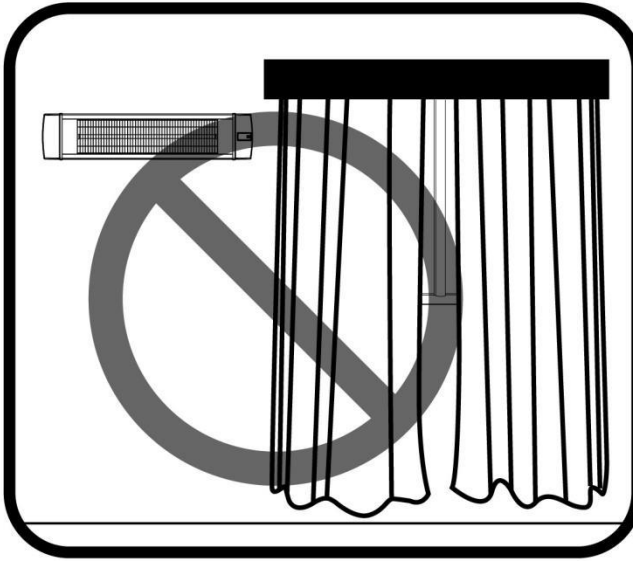


**Note:** Heater should be wall or ceiling mounted under well protected environments, at least keep 3feet (0.9m) away from any combustible objects.

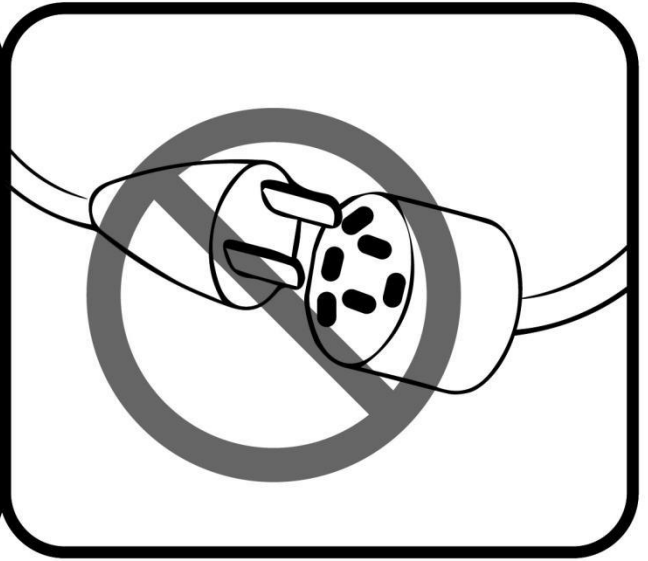


**Note:** Do not cover.

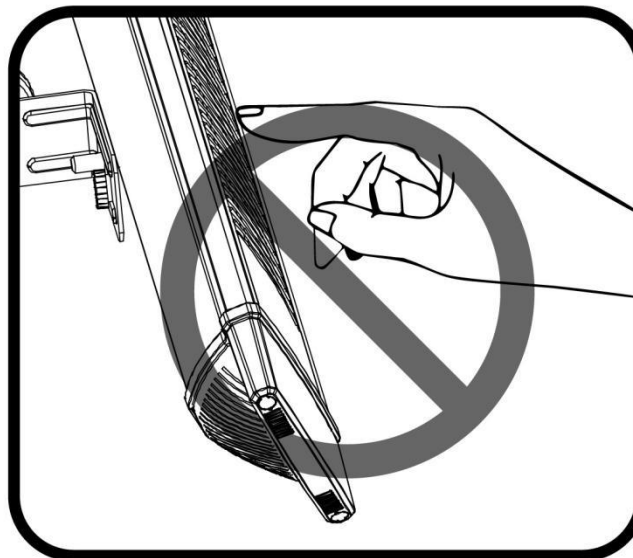
## **Warning - to reduce the risk of fire**



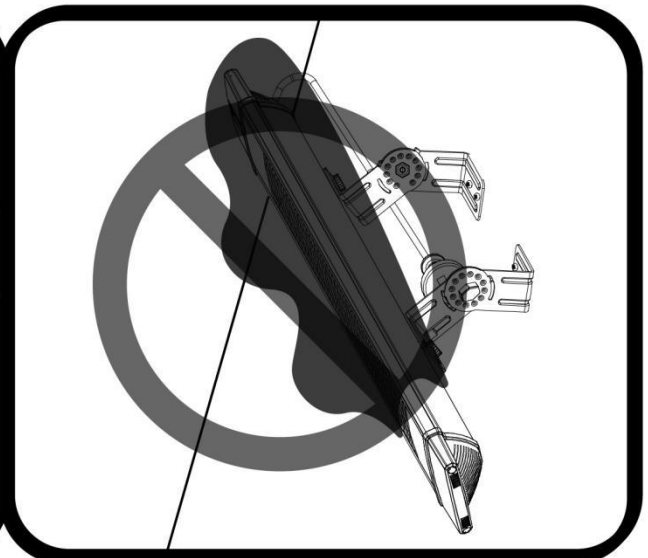
**Caution:** Keep combustible materials, such as furniture, pillows, curtains at least 3feet (0.9m) from the front of the heater and keep them away from the sides and rear.



**Caution:** Do NOT use with an extension cord or relocatable power tap (outlet/power strip).

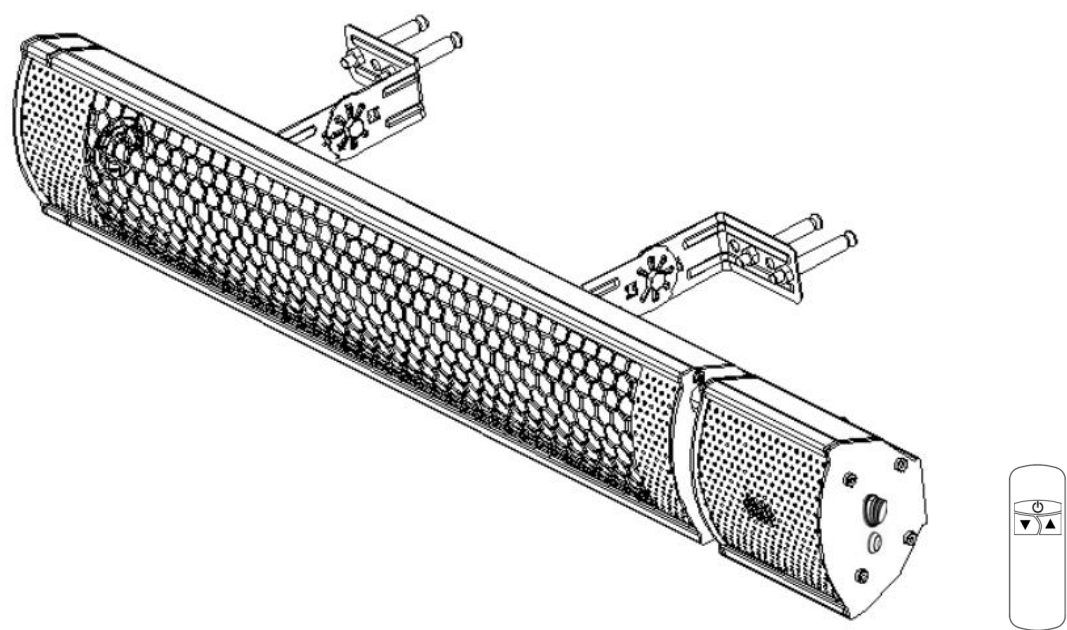


**Caution:** Hot surface, do NOT touch.

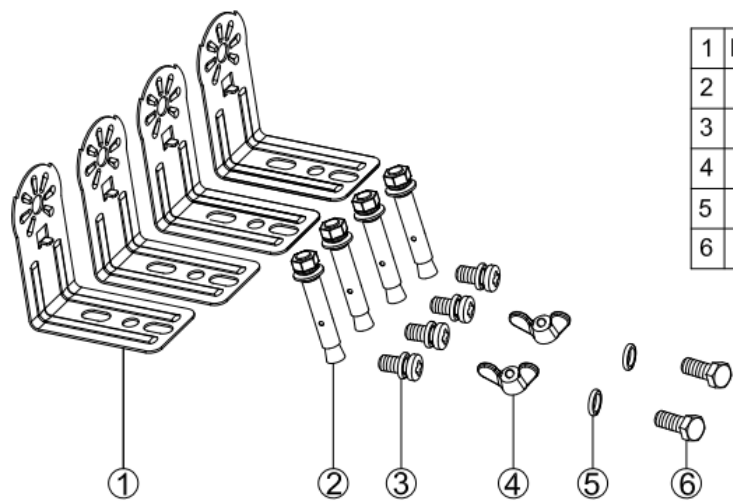


**Caution:** Do NOT cover with any objects such as blanket on the heater.

ASSEMBLY INSTRUCTIONS

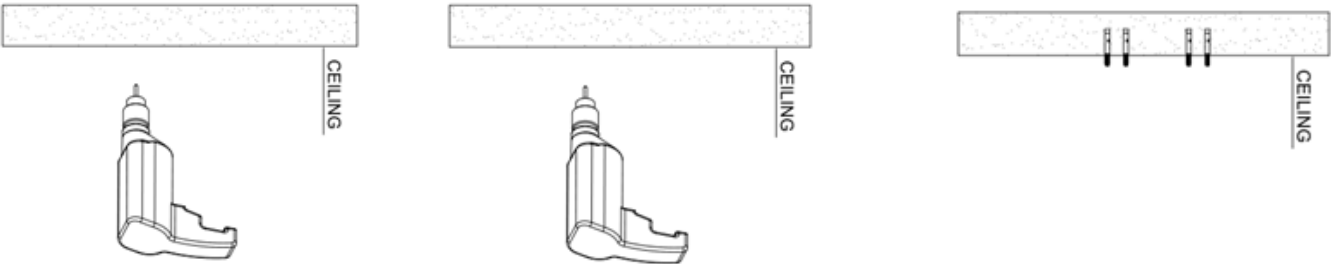


Installation Accessories :



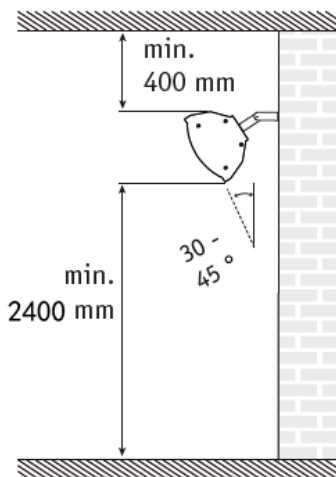
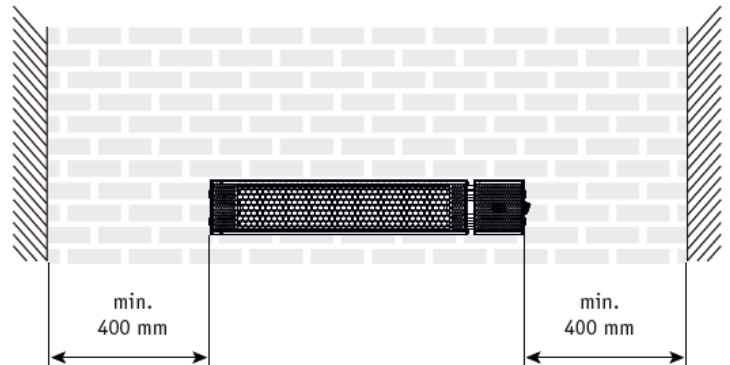
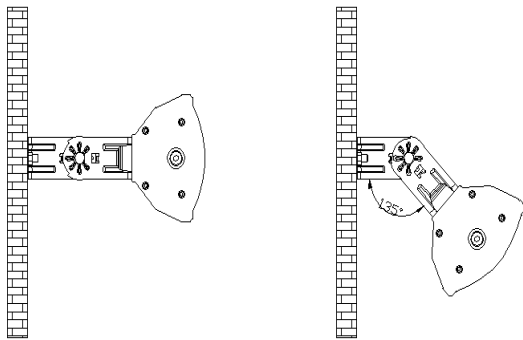
1	Bracket	L shape	4PCS
2	screw	M6mm*60mm	4PCS
3	screw	M5mm*10mm	4PCS
4	nut	M6mm	2PCS
5	gasket	Ø6mm*1mm	2PCS
6	screw	M6mm*12mm	2PCS

Tools Needed:  
\* Pencil \*Hammer \*Level \*Screw Driver \*Power Drill and drill bits



A wall mounting bracket is provide with the heater which has been specifically designed to allow this product to be fitted to a wall or ceiling before drilling the holders for the wall/ceiling is solid and that there are no hidden water pipes or electric wires. The heater must be installed no less than 16" form side walls and no less than 6" off the floor.

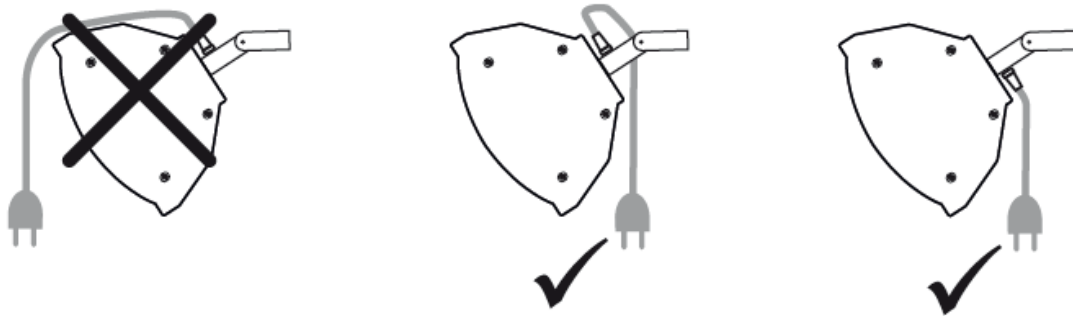
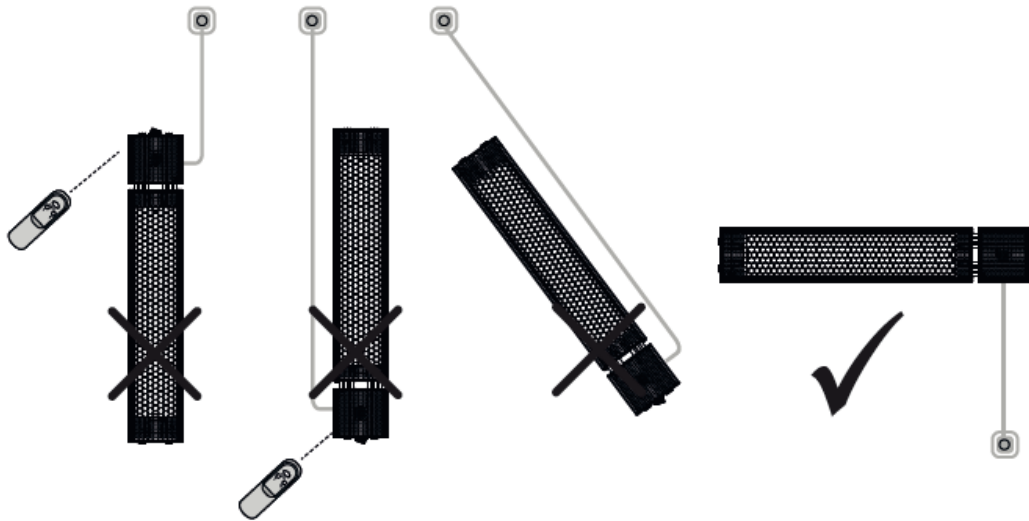
**Important:** Ensure that the supply cables is well mounted and that it does not come into contact with reflector of the heater or that it does not trail into heated area, the supply cable can be fixed to them metal mounting bracket behind heater with plastic zip ties



**The heater must be installed at least  
2.4M above the floor**

**Attention: cable should not passing  
through the heater**

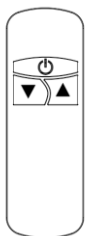




## REMOTE CONTROL INSTRUCTION OPERATING

Product Key Function:

1. Turn ON/OFF the power
2. Press key function: press the button, then press the heat levels (L1-L2-standby - off)
3. Display color **red- standby. Green-L1 1000W, Blue-L2 2000W, Blue&Green flashing -Tip over function / over heat protection**



Button	Function (Heater On)
	Turns heater on or off
	Increase level L1-L2
	Decrease level L2-L1

(Remark: L1 1000W, L2 2000W)

**Noted:** All heaters and their remote controls have the same frequency, so it is possible to control several heaters with just one remote.

**PUSH BUTTON:** on the right of heater, it could be manual operated without remote control.

**Inserting Batteries (not included)**

Insert 2 AAA/ Alkaline type batteries into your remote control

1. Flip the backside of your remote control and pull out battery cover. Insert the batteries in accordance with the instructions and polarity the batteries.
2. Change the batteries in the same way depicted above.

## FUNCTION & OPERATION

1. PLUG the unit into a plug socket, make sure the power supply is the same as rated
2. PRESS the power button on the right side of heater
3. TURN ON the heater by remote control, or off the heater
4. DOWN & UP BUTTON, setting the power level

## Troubleshooting

1. Check if the power cord is plugged into an electrical outlet, if not, plug in.
2. Check if electricity to the main fuse is working
3. Light display, but no heat: Bulb is damaged. Arrange for replacement bulb with local Dealer
4. Blue&Green flashing -Tip over function / over heat protection, cooling down the heater with 1 hours later and re-start the heater. Make heater angel 45-60° correct working position,

## MAINTENANCE

**Attention!** Careful and regular maintenance of your heater considering our instructions assume great importance so as to attain a long efficient operation of your appliance.

1. Check the filthiness 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 deformation, consult to your technical service.
4. Check the Power Cord and Plug visually while cleaning the appliance. In case of deformation, consult to your technical service.

## CLEANING

Regular and careful cleaning helps your infrared heater operate efficiently for many trouble free years. To clean your heater follow steps below:

1. Unplug the power cord for your safety before cleaning your appliance.
2. Make sure the heater is cool before continuing.
3. To keep the heater clean, the outer shell maybe cleaned with a soft, damp cloth. You may use a mild detergent if necessary. After cleaning, dry the unit with a soft cloth. (CAUTION: DO NOT let liquids enter the heater).
4. DO NOT use alcohol, gasoline, abrasive powders, furniture polish or rough brushes to clean the heater. This may cause damage or deterioration to the surface of the heater.
5. DO NOT immerse the heater in water
6. Wait until the heater is completely dry before use.

**Storage:** Store the heater in a cool, dry location when not in use to prevent dust and dirt build up. Use packaging carton to store.

**ATTENTION:**

1. Always disconnect the heater from the electricity supply and allow it to cool before attempting to work on it.
2. If the heater has collected dust or dirt inside the unit or around the heating element, have to unit cleaned by a qualified service agent. Do not operate the heater in this condition.
3. The only maintenance required is cleaning of the external surfaces of the heater.
4. Do not touch the heating element with bare fingers, as residue from your hand could affect the life of the lamp. If it is accidentally touched, remove the finger marks with a soft cloth moistened with mentholated spirit or alcohol.
5. Do not attempt to repair or adjust any electrical or mechanical functions on this heater.
6. The heater contains no user serviceable parts. Should the product suffer damage or breakdown, it must be returned to the manufacturer or its service agent.
7. Damaged supply cords to be replaced by the manufacturer, service agent or similarly qualified person in order to avoid hazard.

**RECYCLING**

At the end of the electrical products useful life it should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice in your country.