

ecostrad

INSTRUCTIONS FOR CARBON INFRARED HEATER



Model: ECOSTRAD THERMAGLO

ASSEMBLY & OPERATING INSTRUCTIONS

Please read carefully and keep these instructions safe

Warning

THESE INSTRUCTIONS SHOULD BE READ CAREFULLY AND RETAINED FOR FUTURE REFERENCE.

We cannot be liable for any damages caused by failure to observe these instructions.

IMPORTANT SAFETY INSTRUCTIONS

This infrared heater is designed for safe operation. Nevertheless, installation, maintenance and operation of this heater can be dangerous if done incorrectly. Observing the following procedures will reduce the risk of fire, electric shock, and injury to persons; as well as keep installation time to a minimum. Save these instructions for future reference.

1. Carefully read the safety instructions before using this heater.
2. Remove the unit from its packaging and check to make sure it is in good condition before using.
3. Do not let children play with parts of the packaging (such as plastic bags).
4. Check household voltage to ensure it matches the heater's rated specification.
5. Check the plug and power cord carefully before use to make sure that they are not damaged.
6. Before unplugging the power cord, be sure to turn off the power. Always ensure your hands are dry when operating the unit to prevent electric shock.
7. Do not use the heater near flammable objects such as furniture, pillows, bedding, paper, clothes, etc. Curtains must be kept at least 3 feet (1m) from the front of the heater, although for safety, any curtains or drapes should be kept toward the heater's rear or sides. Do not point the heater toward flammable objects.
8. Do not operate the heater within the immediate vicinity of a bath or swimming pool or any source of liquid.
9. To protect against electric shock, do not immerse the cord or plug in water or any other liquid.
10. Do not insert or allow foreign objects to enter any ventilation openings, as this causes damage to the heater and increases the risk of fire or an electric shock.
11. Always unplug the heater when not in use.
12. Do not allow the cord to overhang any 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 rooms and similar indoor locations. Never install the heater in a location 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 reduced physical, sensory or mental capabilities; or by inexperienced persons unless they have been given

supervision or instruction concerning the use of the appliance by a person responsible for their safety. Children and 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 the 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 they are clear of any dirt or dust accumulation. **Do not cover.**

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.** Do not let bare skin come into contact with the hot surfaces of the heater.

21. Never place hands under the heating elements. Always allow the heating element to cool for at least 10 minutes before touching the heating tube or any adjacent parts.

22. This product contains recyclable materials. Do not dispose of this product with regular household waste. Please contact your local authority for collection and disposal information.

Introduction

The ECOSTRAD THERMAGLO carbon infrared heater produces instant and comfortable heat like the sun.

These robust and weatherproof heaters are designed for domestic and commercial heating applications within indoor and outdoor areas.

Model	ECOSTRAD THERMAGLO
Voltage (V)	220-240V AC
Wattage (W)	2000
Hertz (Hz)	50-60
Dimensions W×H×D (mm)	900×130×89.5
Weight (kg)	2.9

INSTALLATION

Tools Needed:

- Pencil
- Hammer
- Spirit level
- Screwdriver
- Power drill and drill bits

A mounting bracket is provided with this heater, which has been specifically designed to allow the product to be fitted to a wall or ceiling. Before drilling the holes for the wall or ceiling mount, please ensure that the surface is solid and that there are no hidden water pipes or electrical wires. The heater must be installed no less than 0.5m from any side walls and no less than 1.8m from the floor.

Important: Please ensure that the cable is well secured so that it does not trail into the heated area or come into contact with the reflector. The cable can be fixed to the metal mounting bracket behind the heater with plastic zip ties.

1. This heater should be installed by a competent person, i.e. a qualified electrician.
2. Always disconnect the heater from the electrical supply and allow it to cool before installation.
3. This heater can be mounted horizontally or vertically.
4. For both wall and ceiling mounting, the lowest part of the heater must be located at or above a minimum height of 1.8m from ground level, so that the heater cannot be touched when in operation.
5. When mounting horizontally or to a ceiling, do not position the heater at an angle more than 90° and less than 45° as shown in Fig. A and B.
6. The supply cable must be at the lower end of the heater if the heater is installed at an angle or vertically.
7. Keep the supply cord away from the body of the heater, which will get hot during use.
8. Do not install the heater on an inflammable surface.
9. Observe the minimum safe distance between the heater body and the inflammable surfaces when mounted.
10. The heater should always have a minimum clearance of 0.5m from the ceiling and adjacent walls.
11. If the heater is to be used outside, a weatherproof outlet is recommended.
12. Before drilling, ensure that there are no wires or water pipes in the area where the heater is to be installed.
13. The heater must be installed on the mounting bracket provided.
14. Fasten the bracket securely to the mounting surface and to the back of the heater using the fittings supplied.
15. Fasten the heater securely onto the bracket using the fittings supplied.
16. The bracket can be used to adjust the angle of the heater. Adjust the heater angle by loosening the two bolts on the mounting bracket and tighten the bolts again when the desired angle is reached.

Wall/Ceiling Installation

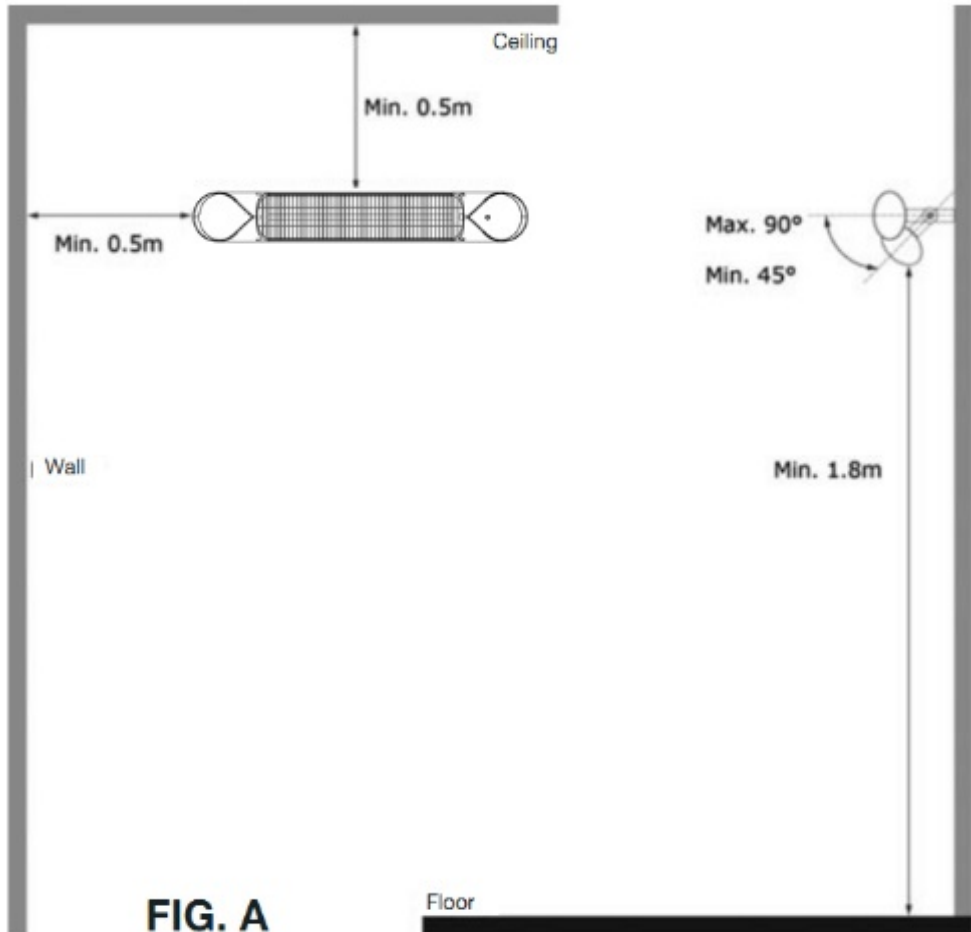


FIG. A

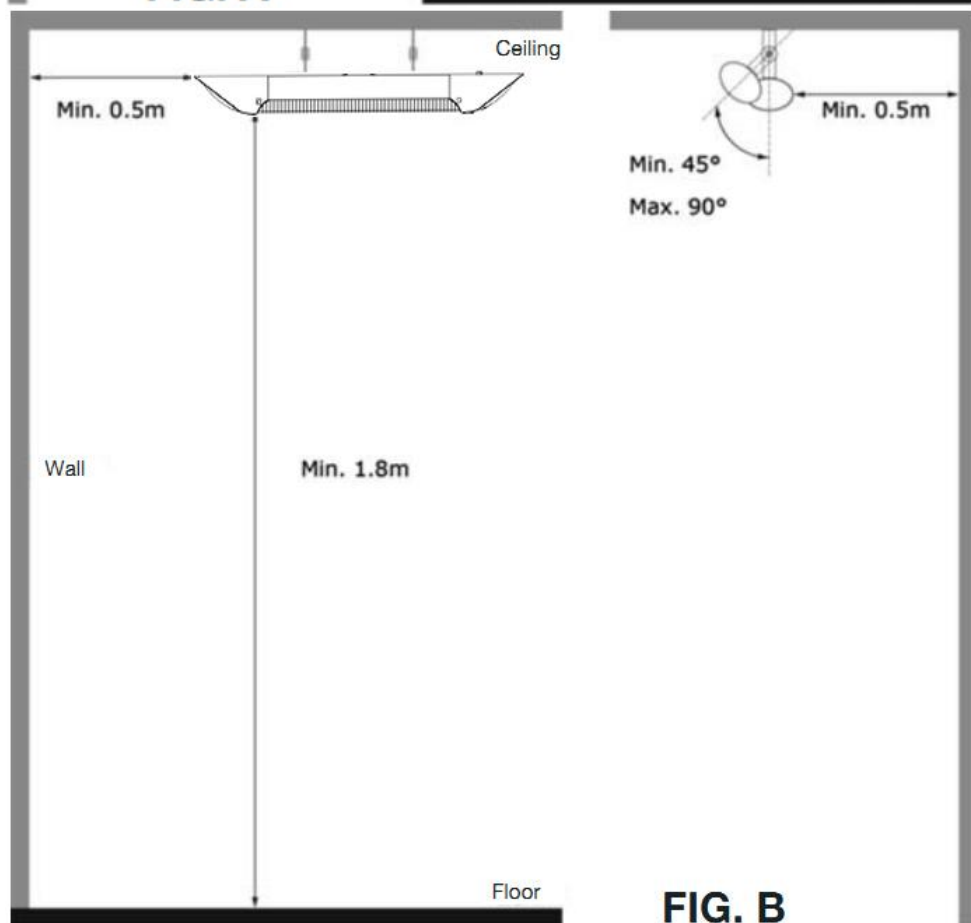
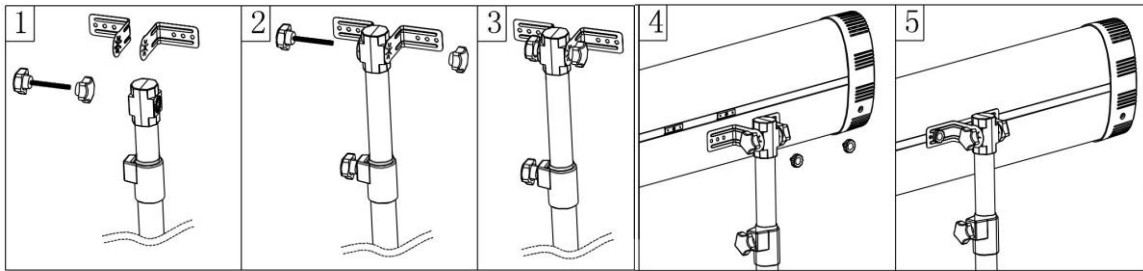


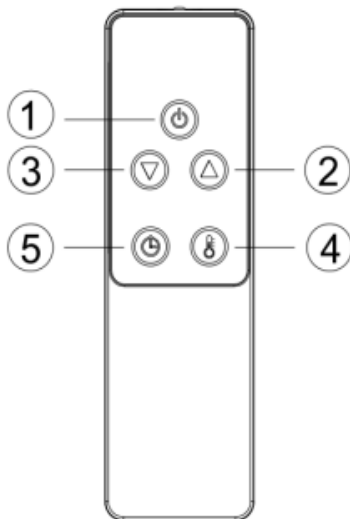
FIG. B

Installation with Stand



Please note: This heater has a safety tilt switch. Once the heater is over a 45° angle, it will automatically cut out.

Remote Control Instructions



Remote Control Functions & Heater LED Response			
Button	Function [Heater Power ON]	Function [Heater Power OFF]	Heater LED Display
1	Turn Heater OFF	Turn Heater ON	
2	Increase level – temperature or timer.	Turn Heater ON Level 4 [max]	L4 Decreases down to L3, L2 then L1.
3	Decrease level – temperature or timer.	Turn Heater ON Level 1 [min]	L1 Increases up to L2, L3 then L4.
4	Enable temperature setting mode [defaults to last level used]		L1, L2, L3 or L4
5	Enable timer setting mode		T0 [off] – T9 [max]

1. **POWER BUTTON:** Turns heater on and off.
2. **UP BUTTON:** Increases temperature level and timer.
3. **DOWN BUTTON:** Decreases temperature level and timer.
4. **TEMPERATURE LEVEL BUTTON:** Use to select one of four heat levels. Press the Temperature button then use the Up and Down buttons to increase or decrease the heating level (L1 – L4).
5. **TIMER BUTTON:** Use to set the duration of hours the heater will be in operation. Press the Timer button and T0 will display. Use the Up and Down buttons adjust to the number of hours you would like to set (T0 [off] – T9 [max]).

Please note: All Ecostrad Thermaglo heaters and their remote controls have the same frequency, so multiple heaters can be controlled with just one remote.

A push button on the right end of the heater allows it to be operated manually without the remote control.

Inserting Batteries

The remote control requires 2x AAA Alkaline batteries for operation.

NOTICE:

1. Replace old batteries with batteries of the same type, otherwise the remote may not function properly.
2. If the heater will be in disuse for long periods, remove the batteries to prevent leakage as this may impair the remote control.
3. Do not allow water or liquid to get into the remote control.

Caution:

The heater should be switched off and unplugged from the electrical connection if:

- You intend not to use the heater for a prolonged period of time.
- You want to change the location of the heater.
- Cleaning and maintenance is being conducted.

Periodic inspection and removal of any accumulated dirt will ensure that the heater can be operated safely.

Troubleshooting

1. Check the power cord is plugged into an electrical outlet.
2. Check if electricity to the main fuse is working.
3. Check the thermostat is switched to the ON position.
4. Check the thermostat setting. The heater may have switched off because it has reached the desired temperature setting.

CLEANING AND MAINTENANCE

Regular and careful cleaning helps your infrared heater operate efficiently for many trouble free years. To clean your heater, follow the 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 may be 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 any maintenance.
2. If the heater has collected dust or dirt inside the unit, or around the heating element, you must have the unit cleaned by a qualified service agent. Do not operate the heater in this condition.
3. The only maintenance required is cleaning 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 must be replaced by the manufacturer, service agent or similarly qualified person in order to avoid hazard.

RECYCLING

At the end of the electrical product's 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.