

ecostrad

INSTRUCTION MANUAL



Model: Ecostrad Thermostrip

Model no.: AH24CP
2400 W
Ratings: 220 V – 240 V; 50 Hz; Class I; IP65

Introduction

The Ecostrad Thermostrip is a versatile infrared heater that provides radiant infrared heat without any visible light. The Thermostrip's wire element delivers heat that is gentle enough to be 100% comfortable, even after prolonged use, but strong enough to have an impact in spacious locations. Suitable for wall and ceiling mounting in a variety of hard-to-heat locations.

Safety Notes

PLEASE READ THE FOLLOWING INFORMATION CAREFULLY: This infrared heater is designed for safe operation. Nevertheless, installation, maintenance and operation of this appliance can be dangerous if undertaken incorrectly. Observing the following procedures will reduce the risk of fire, electric shock, and injury. It will also keep installation time to a minimum. Save these instructions for future reference.

Caution:

1. Children and vulnerable adults should not, under any circumstances, use, clean or maintain the heater.
2. **CAUTION** - Some parts of this product can become very hot and cause burns. Children of less than 3 years and other vulnerable people should be kept away from the heater unless continuously supervised.
3. The unit is at a high temperature during operation. It stays hot for a period after shutdown. Potential danger would occur when touching it during this period.
4. In order to avoid overheating, do not cover the heater.

Assembly & Location:

1. Obey all mounting restrictions listed in installation instructions when installing. The heater must be mounted such that it cannot be touched accidentally.
2. Installation must only be carried out by competent persons or a qualified electrician according to national regulations. Wiring must be connected in accordance with the relevant national electrical safety standards and must be earthed. The electrical supply to the unit should be provided by connecting to a circuit protected by a fuse or miniature circuit breaker suitable for the electrical rating of the unit. Any plug, sockets and switches intended for use outdoors must have a water ingress protection ratings as good as, or better than, the protection rating of the heater (IP65).
3. The unit should be plugged into a socket which is easily visible and reachable. The heater must not be located immediately below or in front of the socket outlet. The socket must be accessible without having to move the heater.
4. When assembling, keep clear from any flammable material.
5. Check the power cord and plug carefully before use to make sure they are not damaged.
6. This heater is not equipped with a device to control the room temperature. Do not use this heater in small rooms when they are occupied by persons not capable of leaving the room on their own, unless constant supervision is provided.
7. Do not install this unit in or near the outlet of a hot air heating system.
8. Do not place the unit close to curtains and/or other flammable objects. Otherwise there will be a risk of these objects catching fire.
9. The unit is for outdoor use only. This unit must not be used in building sites, greenhouses, barns or stables where there's flammable dust.
10. Do not use this heater in the immediate surroundings of a bath, shower or swimming pool.
11. Do not use this unit in a place where caustic or volatile air exists, i.e. dust, steam, gas, etc.
12. Do not use this unit as a clothes or towel drier.
13. Do not use this unit as a sauna heater.
14. Do not use this unit in places of animal propagating and raising.

Use & Cleaning

1. The unit must be securely grounded during operation.
2. Do not cover the unit with anything during operation or a short time after it's shut down.
3. Do not wrap the power supply cord around the unit.
4. Children and vulnerable adults should not, under any circumstances, use, clean or maintain the heater.
5. The head of the unit is at high temperature during operation. Unplug the unit and wait till it's cool before cleaning.
6. Do not immerse this unit into water for cleaning.
7. The unit must be handled and transported with care, avoiding risk of impact or vibration in transit.
8. If damaged, the unit must be repaired by a professional repair team.
9. 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.

Assembly Instructions

Preparation:

1. Read this instruction manual carefully before installation and use. Keep the manual in a safe place for future use in case needed.
2. Unpack the carton. Take out the accessories pack from the carton. Make sure the accessories listed in the Accessories Check List are included. If anything is missing, contact the retailer immediately and they will provide you with replacements.
3. You will need the following tools: pencil, hammer, spirit level, screwdriver, cross-head spanner suitable for M6 screw nut, steel tape measure, power drill and drill bits.

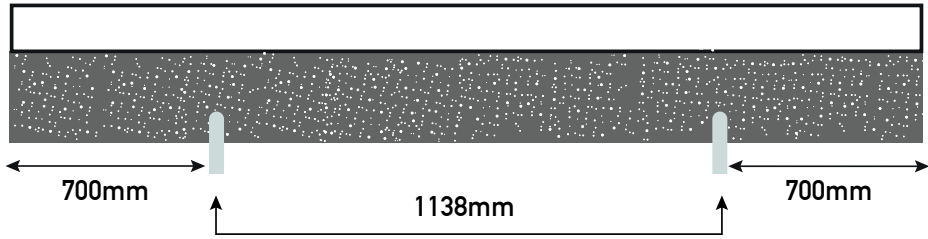
Installation:

The Thermostrip is suitable for wall or ceiling mounting. The instructions below apply to both types of installation.

IMPORTANT: The heater must be installed at least 2.1m from the ground and at least 500mm from adjacent surfaces. If ceiling mounted, the heater should be at least 500mm from adjacent walls; if wall mounted, the heater should be at least 500mm from the ceiling and adjacent walls. If wall mounted, the heater must be orientated so it is horizontally level with the control panel on the left. In all cases, the heater must be positioned at a height where it cannot be touched during operation.

1. First drill two holes for the brackets in the wall or ceiling. The holes must be 1138mm apart and at least 700mm from adjoining walls.
2. Insert the 2 Expansion Bolts into the holes. Use a spanner to twist the Screw Nuts on the Expansion Bolts clockwise till they are securely located in the holes. Unscrew the Screw Nuts and put them aside with the Washers and Spring Washers for further use later.
3. Fit the Upper L Brackets onto the wall or ceiling. Repeat the following process for each bracket. Put the bracket on the wall, letting the Expansion Bolt go through the holes on the Upper L Bracket. Fix in place with Washers, Spring Washers and Screw Nut mentioned above.
4. Fit the Lower L Brackets onto the rear side of the heater. Repeat the following process for each bracket. Put Lower L Bracket onto the rear side of the heater. Use two M6*8 Screws to fix them in place, tightening up with the provided Allen Key.
5. Fit the Upper L Brackets onto the Lower L Brackets. Screw each pair of brackets tightly together with a M6*16 Screw. For wall-mounted installation, make sure the control box is on the left side.
6. Loosen the M6*16 Screws to adjust the heater to the desired angle. The brackets offer an adjustable angle of up to 30°. When you have your desired angle, tighten the M6*16 Screws.

PARTS DESCRIPTION			
No.	PART NAME	No.	PART NAME
1	Expansion Bolt M6*70	5	Screw Nut M6
2	Upper L Bracket	6	Screw M6*16
3	Washer	7	Lower L Bracket
4	Spring Washer	8	Screw M6*8



1.
Expansion Bolt
M6*70



3.
Washer

4.
Spring
Washer

5.
Screw Nut
M6

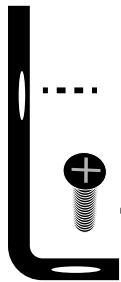


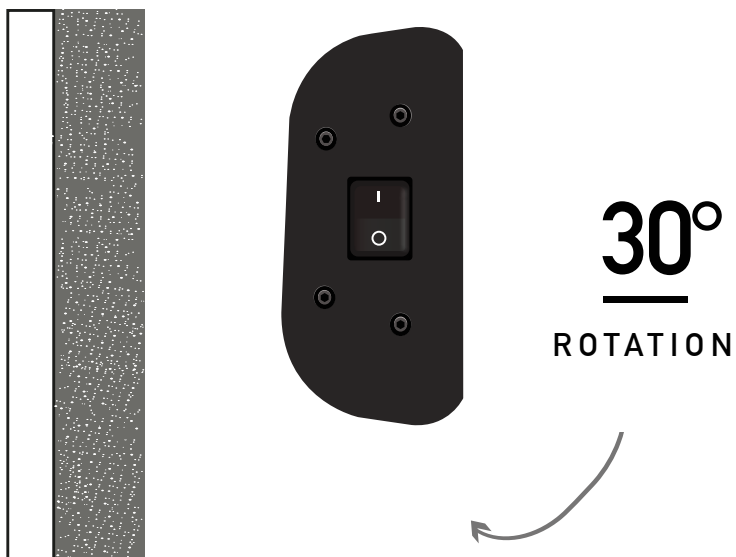
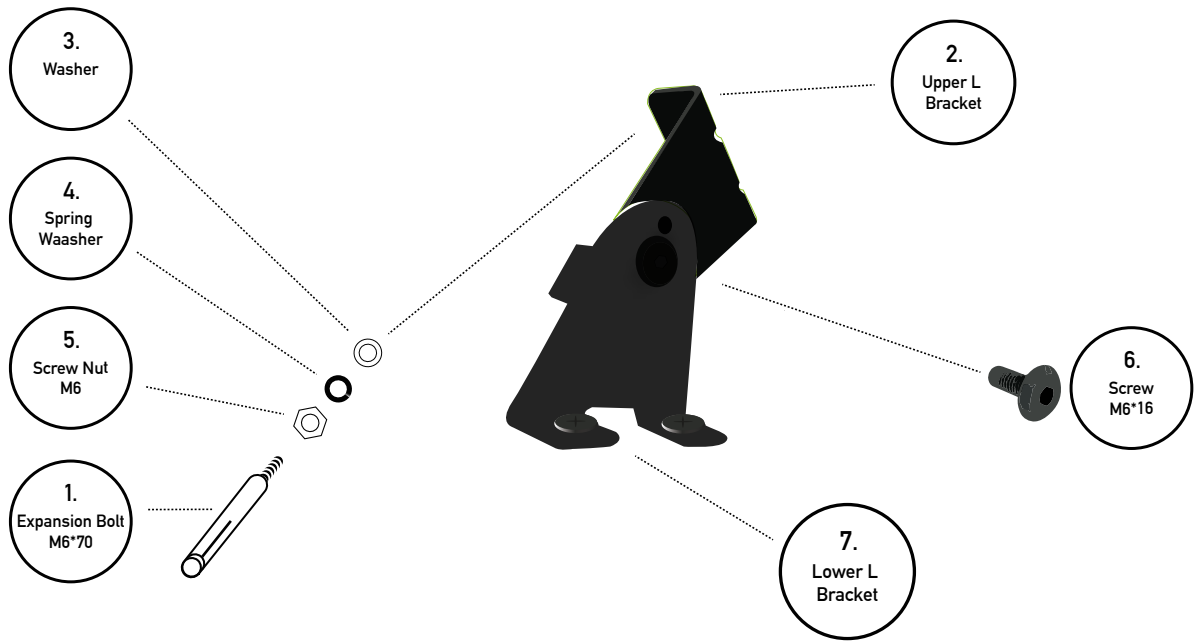
2.
Upper L
Bracket

7.
Lower L
Bracket

6.
Screw
M6*16

8.
Screw
M6*8 (x2)





Using the Heater

1. Plug the unit into a socket. Make sure the power supply is the same as rated: 220 – 240 V.
2. Switch the heater on and off via the large switch on the left side.

Cleaning:

Unplug the unit before cleaning. Wipe with a damp cloth. Do not use too much water.

Disposal of appliances and batteries



After the implementation of the European Directive 2002/96/EU in the national legal system, the following applies:

Electrical and electronic devices may not be disposed of with domestic waste. Consumers are obliged by law to return electrical and electronic devices at the end of their service lives to the public collecting points set up for this purpose or point of sale. Details of this are defined by the national law of the respective country. This symbol on the product, the instruction manual or the package indicates that a product is subject to these regulations. By recycling, reusing the materials or other forms of utilising old devices, you are making an important contribution to protecting our environment.