

# ecostrad

INSTRUCTION MANUAL

Model: Ecostrad Apex with Remote



Model no.: AH18CCR-B  
1800 W

Ratings: 220 V – 240 V; 50 Hz; Class I; IP65

## Introduction

The Ecostrad Apex is a versatile infrared heater that provides radiant infrared heat with a soft orange glow. Suitable for wall and ceiling mounting, the Apex with its carbon filament element delivers heat that is strong enough to be effective outdoors but gentle enough for prolonged use in hard-to-heat indoor areas. .

## 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. CAUTION -- 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.
2. This appliance is not intended for use by persons, including children, with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
3. Children of less than 3 years should be kept away unless continuously supervised.
4. 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 or clean the appliance or perform user maintenance.
5. 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.
6. 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. 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.
3. When assembling, keep clear from any flammable material.
4. Check the power cord and plug carefully before use to make sure they are not damaged. 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.
5. 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.
6. Do not install this unit in or near the outlet of a hot air heating system.
7. Do not place the unit close to curtains and/or other flammable objects. Otherwise there will be a risk of these objects catching fire.
8. The unit is for outdoor use only. This unit must not be used in building sites, greenhouses, barns or stables where there is flammable dust.
9. Do not use this heater in the immediate surroundings of a bath, shower or swimming pool.
10. Do not use this unit in a place where caustic or volatile air exists, i.e. dust, steam, gas, etc.
11. Do not use this unit as a clothes or towel drier.
12. Do not use this unit as a sauna heater.
13. 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. Do not use this heater with a separate programmer, timer or any other device that switches the heater on automatically, since a fire risk exists if the heater is covered or positioned incorrectly.
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.

## 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 opposite 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, screwdriver, cross-head spanner suitable for M6 screw nut, steel tape measure, power drill and drill bits.

### Installation:

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

PART NAME	Qty
Mounting Plate	1
Upper Bracket	1
Expansion Bolt M6*70	4
Screw M8*70	1
M8 Nut with cover	1
Screw Knob M6*12	2

**IMPORTANT:** The heater must be installed at least 1.8m from the ground and at least 50cm from adjacent surfaces. If ceiling mounted, the heater should be at least 50cm from adjacent walls; if wall mounted, the heater should be at least 50cm 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. Drill four holes in the wall or ceiling for the mounting plate, as per the measurements shown in Fig. A.
2. Insert the four Expansion Bolts into the holes. Use a spanner to twist the Screw Nuts on the Expansion Bolts clockwise until they are securely located in the holes. Unscrew the Screw Nuts and put them aside with the Washers and Spring Washers for use later.
3. Place the mounting plate on the ceiling or wall, letting the four expansion bolts go through the holes on the bracket. Fix in place with Washers, Spring Washers and Screw Nut mentioned above. See Fig. B and Fig. C.
4. Line up the Upper Bracket with the Lower Bracket (already secured to the heater). Thread the Screw M8\*70 through the holes and screw tightly, using the M8 nut, as per Fig. C.
5. Mount the heater onto the wall or ceiling by sliding the Upper Bracket into the opening on the Mounting Plate. Fix in place with the two Screw Knobs M6\*12.
6. To adjust the angle of the heater, use a screwdriver to unscrew the Screw M8\*70 a little. Set the heater to the desired angle and drive the Screw M8\*70 tight again. The adjustable angle is 60° in total: 30° up, 30° down. See Fig. D.

Fig. A

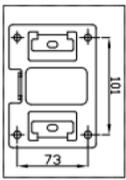


Fig. B

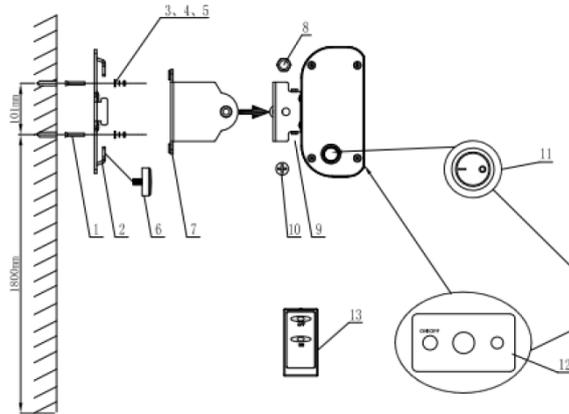


Fig. C

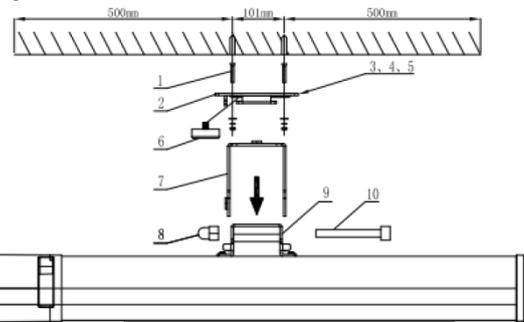
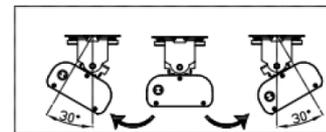


Fig. D



## PARTS DESCRIPTION

No.	PART NAME	No.	PART NAME
1	Expansion Bolt M6*70	8	M8 Nut with cover
2	Mounting Plate	9	Lower Bracket
3	Washer	10	Screw M8*70
4	Spring Washer	11	Switch
5	Screw Nut M6	12	Control Panel
6	Screw Knob M6*12	13	Remote Control
7	Upper Bracket		

## 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 via the large switch on the left side. The LED indicator light will flash to show the heater is on standby.
3. Press ON button on control panel or remote control to switch on the heater.
4. To shift the heater back to standby mode, press OFF button on control panel or remote control. The LED indicator light will start flashing again.
5. To switch off the heater, use the main switch on the left side of the heater.

## 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.