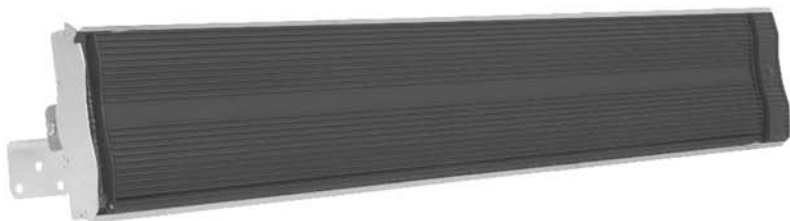


FANMASTER®

INSTRUCTIONS FOR ELECTRIC RADIANT OUTDOOR/INDOOR HEATER



**TO PREVENT SERIOUS INJURY, READ
AND UNDERSTAND ALL WARNINGS
AND INSTRUCTIONS BEFORE USE.**

INSTALLATION, OPERATION & MAINTENANCE MANUAL

Prior to installing and operating the heater, read these instructions carefully and retain for future reference.

INTRODUCTION

The product range offers an elegant solution for both indoor and outdoor heating requirements. The product is a high intensity radiant heater designed for domestic, commercial and industrial heating applications within indoor and undercover outdoor areas, and should not be used for any other purpose. With a wide range of sizes to choose from, heating solutions from a small balcony to large outdoor restaurant areas are easily catered for.

All products are approved to Australian and IEC (European) standards.

All products have an IP24 rating for protection against water ingress and are suitable for undercover outdoor installation.

MODEL CODES

Model	Watts	Rating	Dimensions
ESBH1800	1800W	220-240V 50Hz	1045 x 185 x 55mm
ESBH2400	2400W	220-240V 50Hz	1545 x 185 x 55mm
ESBH3200	3200W	220-240V 50Hz	2045 x 185 x 55mm

CAUTION

In operation, this heater is **VERY HOT** – do not touch any part of the heater while it is turned on or for 30 minutes after it is turned off. 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. Children should be supervised to ensure they do not play with the appliance.

Do not allow any cables, furnishings, flammable materials or other items to come in contact with any surface of the heater.

If installed in wet areas, the heater switches or controls must be located so they cannot be touched by persons in the bath or shower.

The heater should have a clearance of 1000mm to adjacent walls, a minimum 60mm clearance from back of heater to any mounting surface and a minimum clearance of 1000mm or more from bottom of heater to any surface below.

The fixed wiring must be installed in accordance with the relevant wiring regulations.

The heater must not be mounted immediately below or in front of a socket outlet.

In case of heater fault or damaged to supply lead, the appliance should be returned to the distributor/manufacturer for repair.

INSTALLATION – PREPARATION

Before commencing installation, make sure the electrical supply voltage is the same as that shown on the rating plate of the heater.

This appliance must be earthed.

The heater is required to be fitted with an "ON/OFF" isolation switch and can also be controlled via a timer (recommended), dimmer type or thermostat control. A wall switch should be installed on fixed wire installations. Optional connection to an R.C.D is recommended.

INSTALLATION- LOCATION

The heaters can be surface mounted on walls or ceilings, suspension mounted and also fitted to structural umbrellas.

For both wall and ceiling mounting, the lower part of the heater must be located a minimum of 2100mm above floor level.

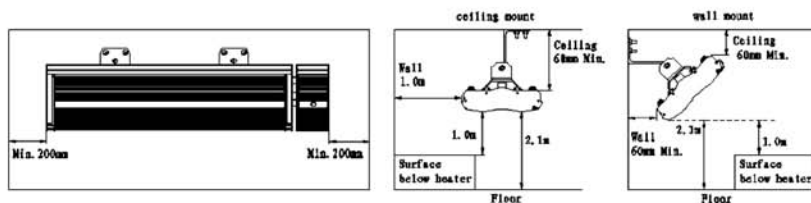
Within an outdoor undercover location, the recommended most effective mounting height for performance and comfort is between 2300mm and 2700mm (all sizes). Recommended maximum effective mounting height of 3200mm.

The heater should have a clearance of 1000mm to adjacent walls, a minimum 60mm clearance from back of heater to any mounting surface and a minimum clearance of 1000mm or more from bottom of heater to any surface below.

The heater must not be mounted immediately below or in front of a socket outlet.

If installed in wet areas, the heater switches or controls must be located so they cannot be touched by persons in the bath or shower. Do not allow thermal insulation, cables, flammable materials or any other items to come in contact with any surface of the heater (purpose designed brackets excluded).

The heater must not be mounted to heat sensitive materials.



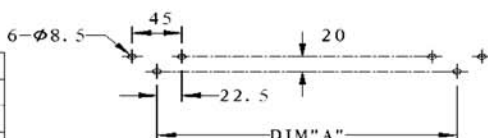
MOUNTING LOCATION

OPERATINGINSTRUCTIONS

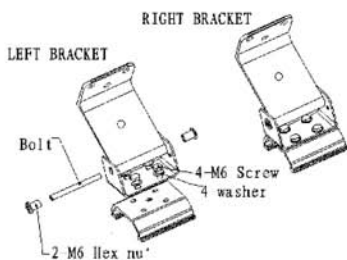
The heater is required to be fitted with an "ON/OFF" isolation switch and can also be controlled via a timer (recommended), dimmer type or thermostat control. A wall switch should be installed on fixed wire installations. Optional connection to an R.C.D. is recommended. Once the unit is turned ON via a switch or other control device, it will take approximately 15 minutes to warm up to normal operating temperature.

Make sure the unit is turned OFF after use.

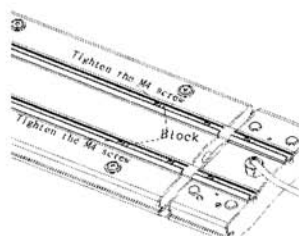
MODEL	DIM "A"
ESBH1000	270mm-370mm
ESBH1800	370mm-570mm
ESBH2400	670mm-870mm
ESBH3200	970mm-1170mm



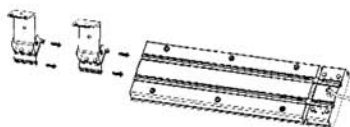
MOUNTING HOLE SIZE



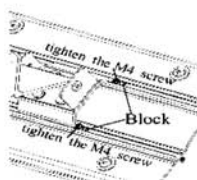
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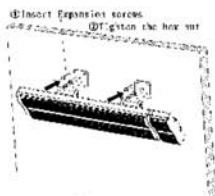
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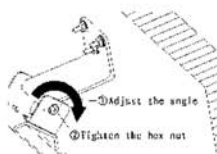
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D



E



F

MAINTAINING & CLEANING

It is important that heater units installed in outdoor locations are regularly cleaned to ensure long and efficient operating life. It is also a condition of the warranty that the heater must be cleaned and maintained on a regular basis.

As a guide, the heater should be cleaned as often as windows or outdoor furniture requires cleaning in the same area. In coastal areas an additional rinsing on a weekly basis with a light spray from a hose will provide extra protection. Heater units should be cleaned and inspected every 3 months.

In coastal locations in particular, salt in the air can cause rusting and staining of metal (including stainless steel).

Even in city locations, pollution in the air can contaminate surfaces and will affect the ability of the coatings and materials of the heater to protect from rust and stains.

As the heater has a protection rating for water ingress of IP24, it can be safely washed and cleaned with water.

The heater can be lightly sprayed with a hose, but the preferred method of cleaning is to rinse the heater, using a soft cloth and warm water with mild detergent. Ensure any soap residue is rinsed off after cleaning.

IMPORTANT MAINTENANCE & CLEANING NOTES

Do not use any abrasive materials or products to clean the heater.

Before any cleaning or inspection activity, the heater must be switched off and cooled down completely.

After cleaning, turn on the heater for 20 minutes to dry any residue water. When cleaning the heater, always inspect the back of the heater for build-up of insects, bird droppings, dust, salt build-up, etc. and clean back thoroughly.

Always inspect the heater after high winds, earthquake, vandalism or any other unusual event that may have affected the heater.

Do not use high pressure hose or high pressure water equipment to clean heaters, light water spray only.

The heater casing and other surfaces may become discoloured or stained when located in areas where cigarette smoke, oil lamps, incense, cooking appliance, etc are present.

In this case, additional cleaning and maintenance may be required to keep the appliance in good appearance and condition.

CORRECT DISPOSAL OF THIS PRODUCT



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

WARRANTY TERMS

Any claim under this warranty must be made within *12 months* of the date of purchase of the product. To make a claim under the warranty, take the product (with proof of purchase) to the store where you purchased the product or contact *Fanmaster Pty Ltd*.

Fanmaster Pty Ltd will pay your reasonable, direct expenses of claiming under this warranty. You may submit details and proof of your expense claim to *Fanmaster Pty Ltd* for consideration.

This warranty is given by *Fanmaster Pty Ltd*

ABN: 45 353 934 457

Unit 1/6-8 Yalgar Rd, KIRRAWEE NSW 2232

P: 02 9524 9999

E: info@fanmaster.com.au

This warranty is provided in addition to other rights and remedies you have under law: Our goods come with guarantees which cannot be excluded under the Australian Consumer Law. You are entitled to replacement or refund for a major failure and to compensation for other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.