



## Installation Instructions For the KingShield Air Curtain Model No: AC3000N

### IMPORTANT

This product should be installed by a competent person and in accordance with the current IEE Wiring Regulations. If in doubt, consult a qualified electrician.

- This product is not intended to be used by children and persons with sensory, physical and/or mental impairments that would prevent them from using it safely.
- Extreme caution is necessary where children or persons with reduced physical, sensory or mental capabilities may come into contact with the heater when in use.

### WARNING

- In order to avoid overheating do not cover or obstruct grilles or air intake openings when in use.
- The heater must not be located immediately adjacent to or under/against an electrical socket outlet.
- Do not operate the heater with a damaged cord/plug or if heater malfunctions. If the supply cord is damaged it must be replaced by a qualified electrician
- Before making any fixing holes make sure there are no pipes or cables below the surface.
- Make sure the heater is anchored to a solid surface which can take the weight of the heater.
- This heater is for indoor use only.
- This heater must be connected to earth.
- Position the heater ensuring that hot air cannot blow directly onto flammable surfaces.
- 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.
- If the unit overheats, thermal switches will cut the power and will restore the power when the unit has cooled down. However, if the unit overheats severely, thermal fuses will isolate the power, these fuses will not reset and cannot be replaced by the user.

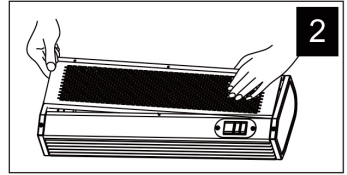
### INTRODUCTION

The Air Curtain unit is designed for easy installation and can be wall or ceiling mounted. The unit has a fan and two heat settings and its angle can be adjusted. This unit is ideal for providing a heated air curtain if mounted over doorways and reduces draughts and the discomfort of cold air when doors are opened. It is also an ideal choice for heating general areas.

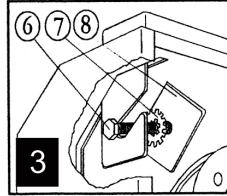
### INSTALLATION

Switch off mains supply and remove the appropriate circuit fuse or MCB before commencing installation or maintenance.

1. Remove the four screws from the front panel and remove it see diagram (2).

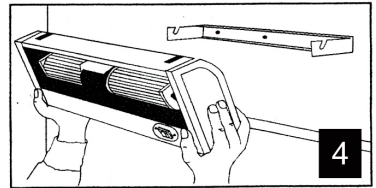


2. Loosen, but do not remove the retaining bolt using a spanner as shown in diagram (3) and remove the bracket - see diagram (6).

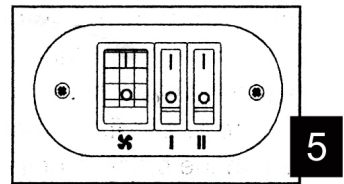


**Components:**  
 (1) Screw  
 (2) Wall Bracket  
 (3) Front panel  
 (4) Switches  
 (5) Body

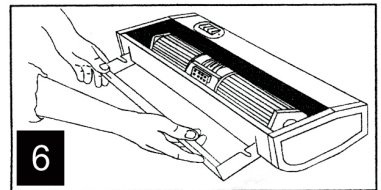
3. Make fixing holes in wall or ceiling using the wall bracket as a template and secure bracket using the fixings supplied. If the fixings supplied are not suitable for your installation, use appropriate alternative fixings - see diagram (4). Note: the bracket must be fixed to a solid point e.g. brick, concrete, stud or joist.



4. Hang the heater on the bracket, ensure that the bracket is located between the bolt and the serrated washer and that the bolts are at the end of the slots in the bracket see diagram (3).
5. Adjust the heater to the required angle and tighten the bolts using a spanner. Take care not to overtighten.

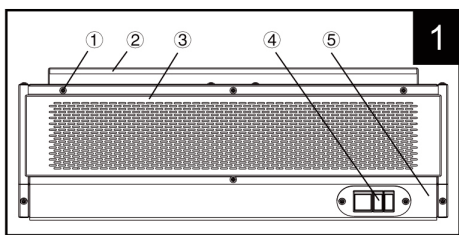


6. Re-fit the front panel.



7. Connect heater to mains supply using a switched 13A fused spur to the corresponding symbols.  
 Live - Brown or Red  
 Neutral - Blue or Black  
 Earth - Green and Yellow

8. Restore power and switch on the main switch (red illuminated). Heating levels are controlled by two switches (4) for half and full load.



Master switch only cold fan.  
 Master + switch I or II Warm air  
 (1500W).  
 Master + switches I & II Hot air  
 (3000W).

**Components:**  
 (1) Screw  
 (2) Wall Bracket  
 (3) Front panel  
 (4) Switches  
 (5) Body

**Operation:**

- The large switch is a master switch, turning this switch on and off will start and stop the fan and heaters if selected
- The degree of heat is controlled by switches I & II see diagram (5).

**TECHNICAL DATA**

Rating:	230-240V 50Hz
Power:	1.5 - 3kw (two heat settings)
Class:	I (requires earth)
Colour:	White
Dimensions:	L580 x W205.5 x H104.5mm (Including bracket)
Prewired:	1.3M cable
Conforms To:	EN60335-2-30, EN 60335-1 & EN62233

**GUARANTEE**

Your KingShield Air Curtain is guaranteed for 12 months from the date of purchase. This does not affect your statutory rights.

*Please keep these instructions for future reference.*

**INSTALLER** - Please pass instruction manual onto the owner of the unit



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