

Technical specifications

4

Striking Infrared Heaters			
Technical specifications			
Model	Deluxe 1500	Industrial 1500W	Industrial 3000W
Manufacturer	Striking Energy		
Material	Aluminium (6063 T6), Stainless Steel 304	Aluminium (6063 T6), Stainless Steel 304	
Aluminium finish	Anodised (Bright Brass, Bright Silver)	Anodised Chrome Finish	
Overall Dimensions: Without bracket	400 x 135 x 100mm	400 x 135 x 100mm	800 x 180 x 100mm
Overall Dimensions: With bracket	480 x 135 x 140 mm	480 x 135 x 140 mm	880 x 180 x 140 mm
Wattage	1500w	1500w	3000w
Current	6.7 amp	6.7 amp	13.6 amp
Element Type	Quartz Halogen with tungsten element		
Burning position	Horizontal as well as vertical position.	Horizontal use only (P15 - 15deg max tilt)	
Element life	5000 hrs rated by manufacturer		
Element base connection	SK15	SK15	SK15
Electric cable	3 Core 1,5mm Silicone heat resistant cable. Open ended with optional male kettle plug or 3 pin RSA plug		
Safety grid	5 bar Stainless	2 bar Stainless steel (Horizontal)	
IP65 Weather proof	No		
Warranty	2 years on heater body. None on the element (only during delivery)		

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Installation and maintenance instructions



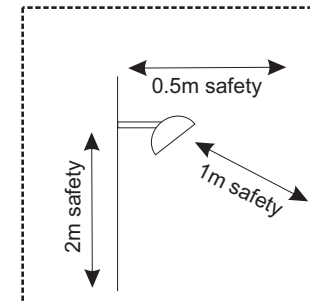
Infrared Heater range
Deluxe Industrial | 500w | 1500w | 3000W

1

CAUTION.

Before using this appliance:

1. Do not cover or obstruct the heater while it is in use.
2. The heater must be earthed.
3. Unattended use of infrared heating by children or incapacitated people maybe serious.
4. Disconnect from the mains during installation, cleaning and/or replacing the element.
5. To avoid risk of burns, always ensure that the element and body is cool.
6. Do not install less than 2 meters from the floor surface.
7. Do not handle the halogen element with bare hands. If it is inadvertently touched, remove finger marks with a soft cloth and methylated spirit or alcohol. Otherwise, the marks will burn into the element causing premature heater failure.
8. Do not insert any object through the front grid or opening in the heater.
9. The maximum number of heaters that can be installed on a 15 amp circuit breaker is 2 x 1500w or 5 x 500w. Your electrician will advise you this.
10. Do not leave unattended.
11. Always switch off before leaving the room/area.
12. DO NOT stare at the element while switched on, because prolonged staring at the element can cause serious damage to the eyes.
13. Keep combustible materials such as furniture, papers, clothes and curtains at least 1 meter from the front of the heater and 0.3 meter away from the sides, top and 0.1 m from rear.
14. The heater can be used outside BUT must be sheltered from any rain / water. The heater is NOT waterproof.



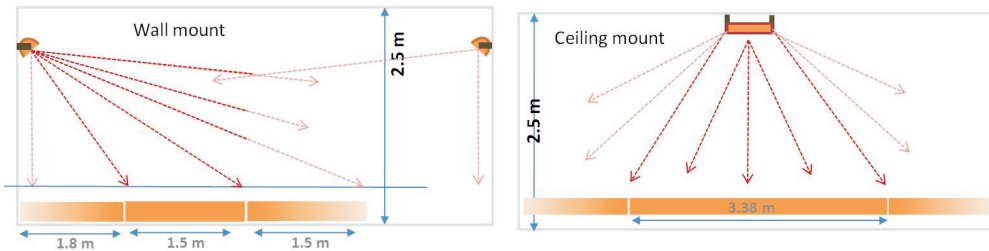
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How to install your heater

FIXED INSTALLATION

2

1. Position the heater above the target heat zone by aiming the reflector in the direction required for the wall-mounted installation. The optimal angle of inclination is 45° - 55° to the floor.
2. The recommended minimum mounting height is 2.5 meters above the floor surface with a maximum of 3.0 meters.
3. The recommended minimum mounting clearance to ceiling or structure above is 0.3 meters.
4. The minimum distance from the front face of the heater and the surface to be heated must be at least 1,5m.
5. Never install the heater directly at a flammable surface within the minimum surface mounting distance.
6. We recommend that the heater should not be used in non-ventilated, dusty environments to avoid damage to the element.
7. Heater should be installed in a place sheltered from the rain.
8. ONLY use the brackets/arm supplied with the heater to fit it to the surface.



USING MORE THAN ONE HEATER

Since Infrared works like the sun, there will always be a “shadow” side on the opposite direction from the heat. The ideal scenario is to have heaters from both sides, if your structure and budget allows it

Replacing the element

3

In the event that you need to replace the heating element please follow the following instructions. Your spare heating elements can be ordered from Striking Energy.

1. Disconnect the power supply and ensure that the element is not illuminated and that the heater body and element are cool.
2. Unscrew the 2 nuts that keeps the body attached to the wall bracket and remove the main body from the bracket. Remove the grids by gently bending the wires towards you. The ends will slide out.
3. Unscrew the 3 screws on the side plate apposite to the electrical connection .
4. Loosen the black screw on the connection block (Where the cable goes into the heater) to release the heat resistant cable.
5. Slowly pull on the slider (the piece of aluminum that holds the element) while feeding the electric cable.
6. Be care full not to pull to hard on the cable.
7. Unscrew the two ceramic connectors at the back and separate the two wires that were connected by the connectors.
8. Remove the old element from the clips by pulling it “forward”
9. Remove your new element from it’s box and cut and clean the wires to the same length is the old element.
10. Slowly and carefully insert the new element into the clips. **BE CARE FULL NOT TO TOUCH THE ELEMENT WITH YOUR BARE HANDS.** Use gloves / tissue paper if necessary. It helps to have someone bending the clips open to ease the inserting process.
10. Connect the new wires with the same ceramic connectors. Ensure that they “screw / cut” into the new wires for a secure connection.
11. Slide the lamp holder back into the body, secure the side plate with the 3 screws, tighten the cable and replace the grid.

General cleaning

- ✎ General dishwasher soap and water will clean the inside and outside of the body.
- ✎ Use alcohol wipe to clean the element in the event that you touched it. **NEW USE THE HEATER WITH AN ELEMENT WITH FINGERMARKS ON IT. IT WILL REDUCE THE ELEMENT LIVE DRAMATICALLY.**
- ✎ The front safety grids of the brass heaters can be cleaned with any commercial Brass cleaner

CLEAN THE INSIDE OF THE HEATER AT LEAST ANNUALLY TO REMOVE ANY DUST AND DIRT. THIS WILL ENSURE THAT YOUR HEATER PRODUCES IT’S OPTIMUM EFFICIENCY