

Instruction Manual
Aluminium

J



Jigsaw
Better Heating for a Better World

Unpack the appliance and place it either on the protective packaging or on a carpet/soft surface:

Package contains:

- Appliance
 - Wall mounting kit & 350mm Screwdriver (1 Per order)
 - Instruction manual
1. Read these instructions carefully before installing and using the appliance and keep for future reference.
 2. Use the appliance only according to these instructions.
 3. These instructions do not cover all situations that may arise. Use caution and common sense when installing and using the appliance.
 4. Modification of the heater in any way voids the warranty.
 5. Make sure that the appliance is in good condition prior to installation and do not use the appliance if damaged.
 6. This appliance is not intended for use by persons (including children) with reduced physical sensory or mental capabilities.
 7. Children shall not play with the appliance.
 8. Children of less than 3 years should be kept away unless continuously supervised.
 9. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
 10. Children aged from 3 years and less than 8 years shall not plug in, regulate and the appliance or perform user maintenance.
 11. Cleaning and user maintenance shall not be made by children without supervision.

CAUTION:

During normal operation the surface of the appliance may reach high temperatures which can cause burns.

Technical features of the appliance	4
General Information	5
Product Advice	6
Positioning and Installation	7
Installation	8
Mounting	9
Electrical connection	14
Controls	15
Cleaning and maintenance	16
Product Guarantee	17
Heating Advice	18
Warranty	19

230V 50Hz

Degree of protection: IP44

The features of the appliance are indicated on the features label situated on the rear surface of the heater.



FAR INFRARED HEATER

Voltage: 230V AC/50Hz

Serial: _____ QC: _____

IP Rating: IP44 Colour: _____

Style: _____ Wattage(W): _____



ALUMINIUM FAR INFRARED HEATER

This appliance complies with European Directives:

- EN 60335-1:2012 / EN60335-2-30 (Safety of Electrical Appliances)
- EN55014 1 + 2 / EN61003-2 / EN61003-3 (EMC)
- EN50366:2003+A1 (EMF)
- EN60529-1992 + A2 (IP44 rating)
- RoHS
- CE Certified



The Restriction of the Use of Certain Hazardous Substances (RoHS) in Electrical and Electronic Equipment Directive (2011/65/EU) aims to prevent hazardous substances from entering the production process and thereby keep them out of the waste stream.



The Waste Electrical or Electronic Equipment (WEEE) Directive requires countries to maximise separate collection and environmentally friendly processing of these items. In the UK, distributors including retailers must provide a system which allows all customers buying new electrical equipment the opportunity to recycle their old items free of charge.



All the packaging for this heater is recyclable. This includes the AirSac wrapping. Deflate and place in your recycling bin.

WARNING - in order to avoid overheating, do not cover the heater.

Combustible or flammable materials and pressurised containers (sprays, fire extinguishers, etc.) must be kept at a distance of at least 50cm from the appliance.

Do not touch the appliance with wet hands or feet.

It is important **NOT** to cover the appliance at any time in order to avoid dangerous overheating.

The supply cord cannot be replaced. If the cord is damaged the appliance should be scrapped.

The materials used for packaging is only to be used for transport and can be recycled. Remove before use. For disposal, use dedicated recycling containers.



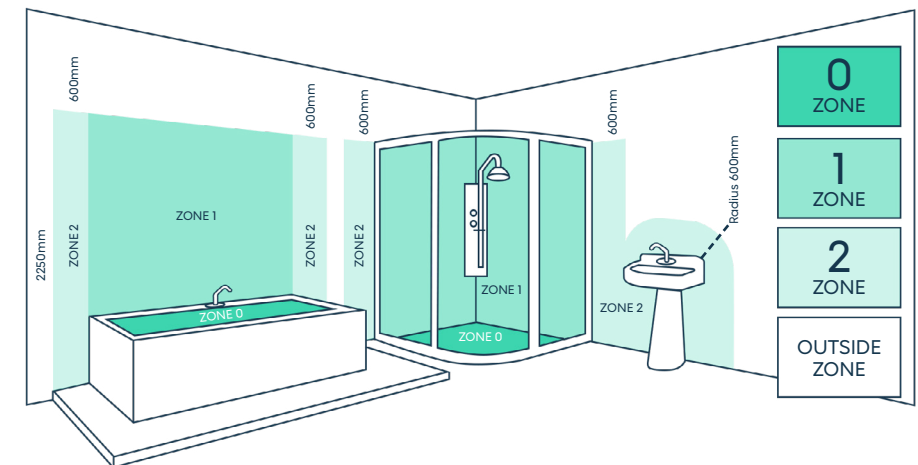
This appliance is intended for domestic use for room heating.

It must be fixed onto a wall as indicated in this instruction manual.

The means for disconnection must be incorporated in the fixed wiring in accordance with the wiring rules.

Ideally the heaters, if in landscape orientation, should be mounted at picture / mirror height.

Our heaters are rated IP44 which means they can be installed in zone 1 or 2 of a bathroom. We recommend zone 2 or outside zone as most appropriate.



INSTALLATION ADVICE

- Should not be installed in contact with the floor.
- The equipment must not be located immediately below a socket-outlet.
- The equipment shall not be used if the panel is damaged.
- The supply cord cannot be replaced. If the cord is damaged the appliance should be scrapped.
- Should not be installed in close proximity to flammable or combustible materials or pressurised containers.
- Make sure that there are no electrical cables or pipes in the wall which could be damaged during installation.



Mounting (Advised)

1.5m to middle of heater from floor if wall mounted.

Mounting (Mandatory)

0.50m to any surrounding objects

0.50m to any wall or ceiling

(Minimum)

0.50m to any electrical socket

(Minimum)

Must NOT block with any items, clothing or furniture

MOUNTING BRACKETS

Make sure the rawl plugs and screws used to mount the heater are suitable for the wall type onto which the appliance is going to be installed. If in doubt, ask professional qualified personnel.

The brackets on the Glass and Mirror heaters are suitable for wall mounting only.

The heater bracket provides the option of hanging your heater in either landscape or portrait orientation. Rotate and fix to suit preferred position.

The wall bracket (A) is attached to the wall on 4 corners. This must be done at a suitable height and position with the correct fixings for the construction of wall. See page 8 for measurements.

The panel bracket (B), attached to the heater, can then be slid into the wall bracket (A). The retaining grub screws can then be tightened (C).

400w heaters - One mounting bracket
800w and above - Two mounting brackets



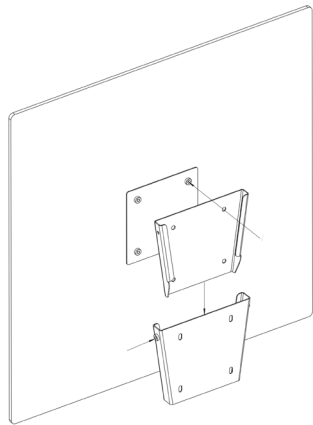
Wall Bracket (A)

Mating Wall & Panel Bracket (B)

Joined Brackets (C)

400W WALL INSTALLATION

800W - 1500W INSTALLATION



Heater Bracket (B) into heater

400w heaters - One mounting bracket must be used per installation (Supplied)

The brackets on the glass and mirror heaters are suitable for wall mounting only.

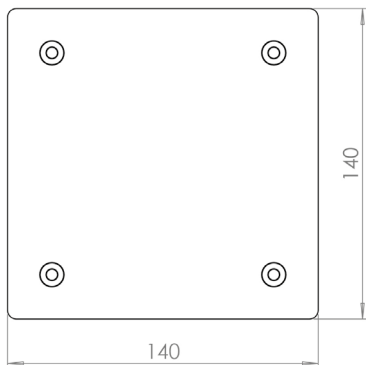
1, Attach the panel bracket (B) to the rear of the heater with the four 10mm spacers and 15mm screws. Ensure that they are tight.

2, The wall bracket (A) is attached to the wall on 4 corners. This must be done at a suitable height and position with the correct fixings for the construction of wall. Use a spirit level to ensure that the bracket is straight.

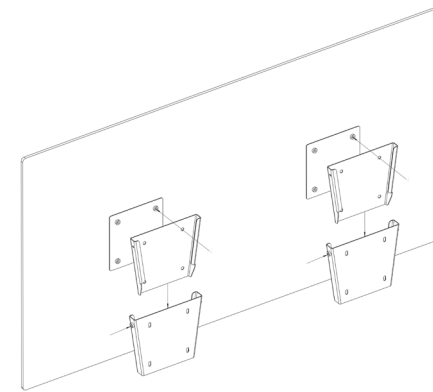
3, Insert the grub screws into the wall bracket ensuring that the screw is only 2-3mm in to the bracket.

4, The heater, with bracket (B) attached to the heater, can then be slid into the wall bracket (A).

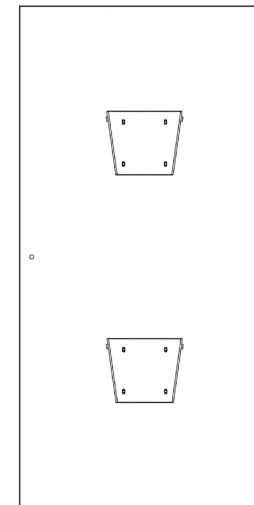
5, Both retaining grub screws must be tightened to ensure that the heater is safely fixed to the wall (C). Use supplied 350mm screwdriver (retail customers)



Glass Adaptor Plate



Horizontal bracket positions for 800w & 1000w
One grub screw to be used in each bracket in the outer left and right fixing.



Vertical bracket positions for 800w & 1000w
All four grub screws to be used on top and bottom brackets

800w & 1500w heaters - Two mounting brackets must be used per installation (Supplied)

The brackets on the glass and mirror heaters are suitable for wall mounting only.

1, and 2, as per 400w installation but with two brackets.

3, Insert the grub screws into the wall brackets ensuring that the screw is only 2-3mm in to the bracket. **Horizontal** - Two retaining grub screws must be used. **Vertical** - All retaining grub screws must be used.

4, The panel, with brackets (B) attached to the heater, can then be slid into the wall bracket (A).

5, Tighten the grub screw to ensure that the heater is safely fixed to the wall (C). Use supplied 350mm screwdriver (retail customers)

INSTALLATION ADVICE



To ensure the brackets mount correctly, draw a straight line with a straight edge, spirit level or laser level to align the fixing points for the two brackets.

The bracket will not sit correctly if the brackets are misaligned. Remove the heater and raise or lower the bracket causing the issue. Rehang the heater and attempt to lock the grub screws.

Check the measurements between the brackets on the heater if there is still an issue with sitting the heater correctly. These should match the measurements on the wall.

Two people must be used to install the 800w, 1000w, 1200w and 1500w heaters.

800w, 1000w, 1200w and 1500w wall bracket in the vertical position

SAFE INSTALLATION



Ensure that the correct fixings have been used to fix the wall brackets to the wall. Incorrect fixings could cause damage to the heater, people or surrounding objects.

Grub Screw Advice - Remove the heater and check the measurements and alignment if there is resistance in the screw, or the screw fails to insert into the bracket fully.

All grub screws must be fully inserted to secure the heater in the vertical position. Failure to do so could cause damage to the heater, people or surrounding objects.

In the Horizontal position the two outer retaining grub screws must be used.

Fixing 400w, 800w, 1000w, 1200w and 1500w bracket mounting on wall with 350mm screwdriver

ELECTRICAL CONNECTION

If hard-wiring to a fused spur, this work must be done by a qualified electrician.

The electrical connection must be carried out in compliance with the national regulations for electricians in force.

Before connecting the appliance to the electrical network, make sure that the power is off.

Do not install the appliance if:

- The power supply cable is damaged.
- The appliance and / or the control boxes are damaged.

The appliance supply voltage is 230V. Make sure the power supply complies with the appliance's voltage.

Make sure that the power supply cable never comes into contact with the hot surface of the appliance.

This appliance must be earthed and connected to a supply that is earthed.

If the appliance is mounted in the bathroom or shower, the power line must be equipped with an RCD with maximum rated current of 30mA.

In humid environments (bathrooms, kitchens, laundry rooms etc.) it is very important that the electrical connection to the network is situated at least at 50 cm from the floor.

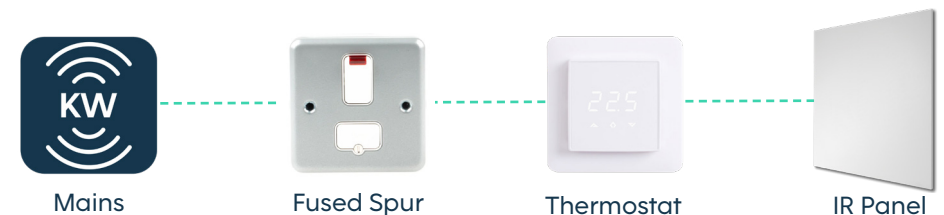
CONTROLS

Your heater should not be operated without a control system.

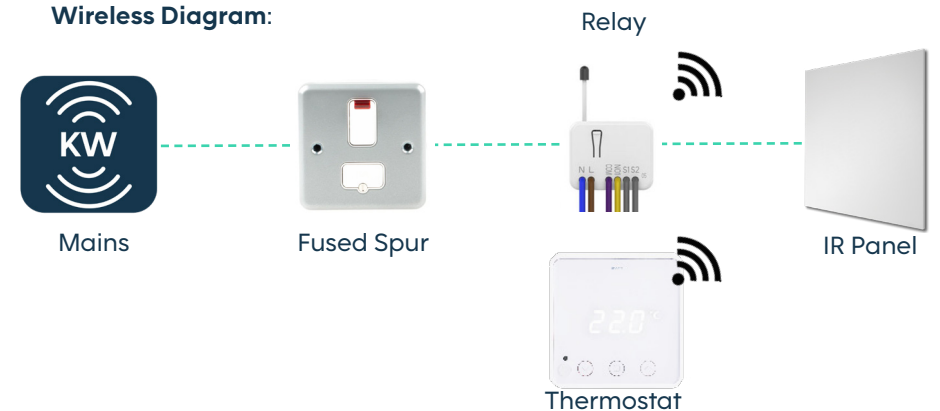
You must use either a wired or wireless thermostat depending on your installation preference. If in doubt, ask professional qualified personnel.

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.

Wired Diagram:



Wireless Diagram:



WiFi connection:

A WiFi hub is required to connect the thermostats to the app.

CLEANING AND MAINTENANCE

Before cleaning ensure that the heater is completely cold and that it is disconnected from the mains (Where possible).

To clean, use a soft damp cloth with mild detergent to clean the Aluminium range. Do not use abrasive cleaners, or corrosive solvents. This will damage the finish of the heater and this will invalidate the warranty.

Wait until the surface is completely dry before turning the unit on.

Please note that certain environmental conditions can cause discolouration of the heater.

In case of technical problems, contact a qualified professional. Do not attempt to repair it yourself. Attempts to do so will invalidate your guarantee.

Disposal:

All ranges of our heaters are classed as electrical products and must not be disposed of in household waste. The heater can be recycled. Please contact your local council for advice on correct disposal.



PRODUCT GUARANTEE

This product carries a 10 year warranty from original date of purchase when used in accordance with these instructions and installed correctly.

Should you require after sales service, please call our CUSTOMER HELPLINE on +44 (0)121 794 2081 between 9.00am and 5.00pm (GMT) Monday to Friday.

Please quote the serial number, model number, rating and date/place of purchase.

Should your product be faulty, please contact the distributor you purchased it from in the first instance.

Always retain your receipt as proof of purchase.



Saving Energy

Infrared heating is different to convection heaters. Infrared can feel warmer at lower temperatures. It is advisable to heat a room to around 19° to determine if this is comfortable before raising the temperature. This is best for high use rooms such as living rooms and kitchens.

Keeping these rooms at an average will ensure that the heater will be used to “top-up” the heating when they are required to do so.

Only heating the rooms you are using is another positive way of saving energy and therefore money on your bills. Setting these unused rooms at a base rate of 14/15° will allow the room to stay warm until they are required to be boosted to 19°. This is perfect for bedrooms, offices and spare rooms.

Sizing the Heaters

Always follow the guidelines on our website for measuring the heat loss of your home. A heater that is too small will not heat the room efficiently. There is a potential to shorten the life of the heater and have runaway heating costs. Speak to an expert if you are unsure.

Control Units

Thought it might seem as costly to have multiple thermostats installed per home. It will save energy and money in the long term.

Carbon Neutral

Combining our heaters with solar panels or renewable energy sources could reduce your energy bills and carbon footprint further.

Installer Name:

Company Name:

Company Address:

Installation Date:

Equipment Installed:

Electrician Signature:

Customer Signature:

Date:



SUPPORT

Jigsaw

Better Heating for a Better World

For Further Information Contact:

Email: info@jigsawinfrared.com

Web: www.jigsawinfrared.com

Trade: www.jigsawinfrared.com/infrared-factory

Phone: (0121) 794 2081



Solutions by Jigsaw LTD is a Limited Company registered in England and Wales.
Registered Office: 1 St Kenelm Court | Steel Park Lane | Halesowen | West Midlands | B62 8HD
Company Number 10669703 | VAT 315 3643 21