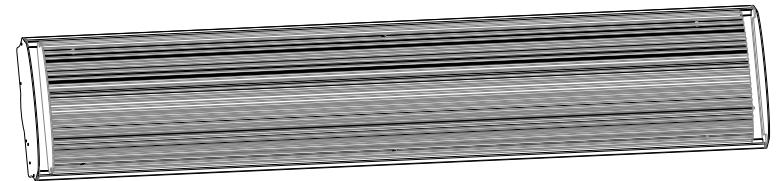


High Power Infrared Radiant Heater



JA Series

OWNER'S MANUAL

READ AND SAVE THESE INSTRUCTIONS

Infracomfort NZ Limited
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New Zealand

- Read all instructions carefully before setting up and operating this unit.
- This manual is designed to provide you with important information needed to setup, operate, maintain for your radiant heaters.
- Failure to follow these instructions may damage and/or impair its operation and void the warranty.



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1. FOREWORD

Thank you for your trust and support in choosing JH Radiant Heater, please read the instructions carefully before operating product.

2. RADIANT HEATER THEORY

Far-infrared radiant heater is produced by unique design and manufacturing technique.

Adopted special aluminum alloy radiation panel, surface of panel process with special coating, inside of panel embed with heating element, heating element generate and transfer heat to people and objects after power.

The heat is spread in the form of radiation, emitted from radiant panel surface, transferred to people, wall, floor, ceiling, furniture etc, like sunshine.

Radiant heating, will not lead to air convection, air is fresh and clean, to maintain indoor relative humidity and heat distribution, makes sense of natural, fresh, comfortable, like the warmth of sunshine bathing.

3. PERFORMANCE FEATURES

Comfortable:

No wind, light or odor will be caused during the running of this product, so the indoor air is clean without floating dust.

Energy-saving:

High heat generation efficiency and good heat radiation effect, controlling the temperature intelligently, and saves power and energy.

Reliable:

The indoor temperature can be adjusted freely, free of the limitation of heating season.

Physical therapy:

The heat radiant can change body microcirculation, cell organization under skin producing resonance, clearing the barrier of microcirculation, adjusting and balancing nervous system, promoting metabolism, increasing body physical power. It is very good for people's health.

4. WORKING CONDITION

Ambient temperature: -30°C ~ +30°C

Rated Voltage: 220-240V~

Rated frequency: 50Hz/60Hz

Relative humidity: less than 95%

5. INSTALLATION REQUIREMENTS

Health and fresh!

1. Qualified installer:

Electrical installation certificate shall be held by professional installation personnel, the installation process should meet the national electrical safety standards.

2. Installation conditions:

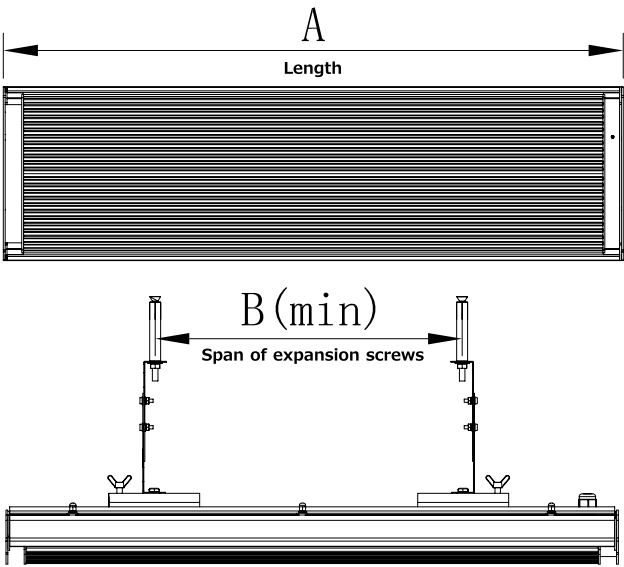
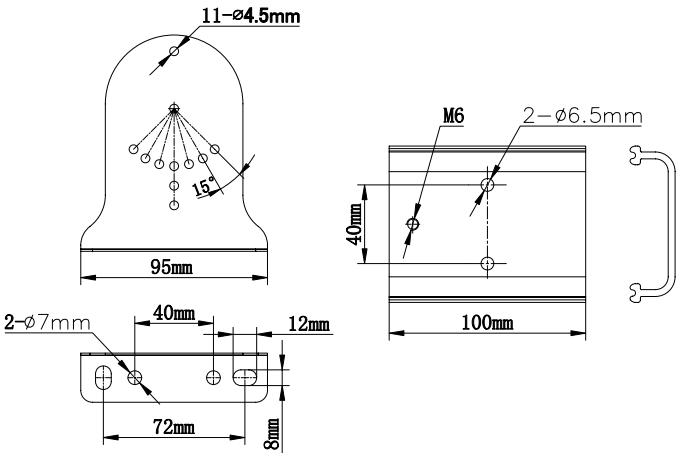
- (1) Supply voltage fluctuation range should be within $\pm 10\%$, if do not meet, must be revised before installation.
- (2) If there is a serious security risk in users' electricity environment, the installation should be refused, until eliminate the security risks.
- (3) Electricity lines should be equipped with earth leakage protection devices and master switch.
- (4) Ground wire should be connected to the grounding device on the building, if not, please consult to professional installer, please do not put ground wire to gas pipe, water pipe, lightning rod or telephone grounding wire.

Electrical Parameters Comparison Table

Model No.	Power(W)	Rated Current(A)	Voltage(V)	Wine length(mm)
JH-10A	1000	4.3	220-240	2000
JH-18A	1800	7.8	220-240	2000
JH-24A	2400	10.4	220-240	2000
JH-32A	3200	13.9	220-240	2000

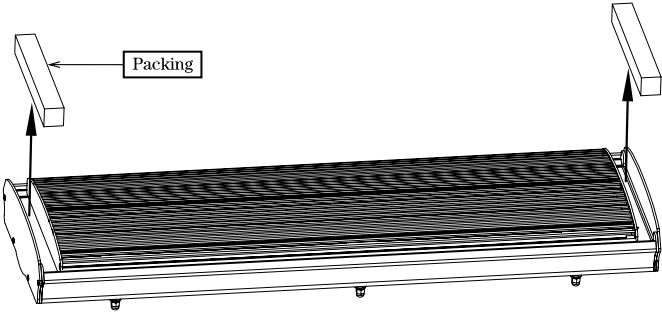
6. INSTALLATION INSTRUCTION

Spare parts size drawing

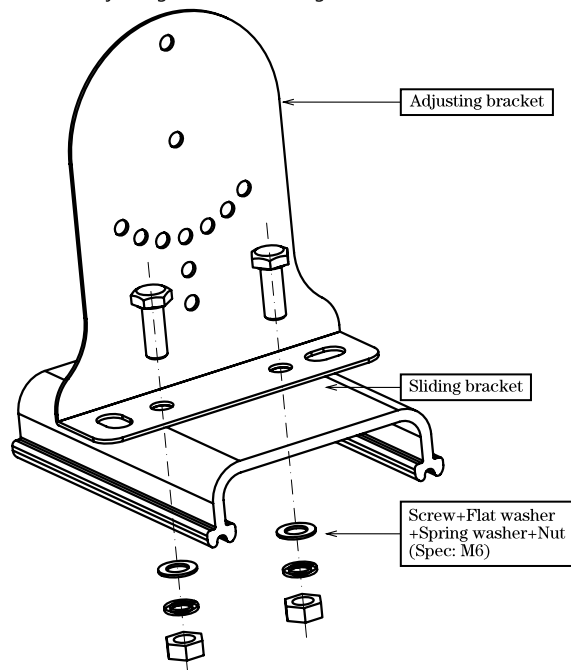


Model No.	Dimension A	Dimension B	Model No.	Dimension A	Dimension B
JH-10A	600mm	200mm	JH-24A	1500mm	1200mm
JH-18A	1000mm	700mm	JH-32A	2000mm	1700mm

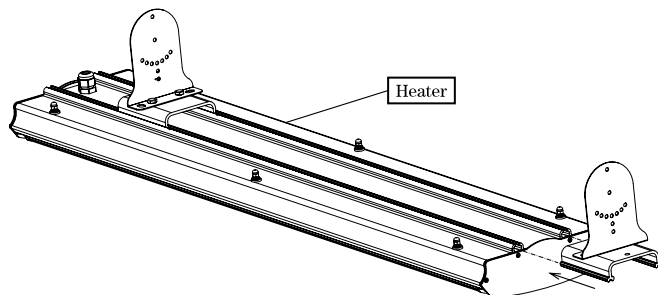
Step 1 : Take out packing of both ends of heater.



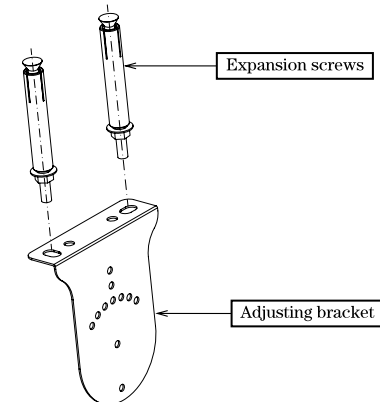
Step 2 : Installation of adjusting bracket & sliding bracket.



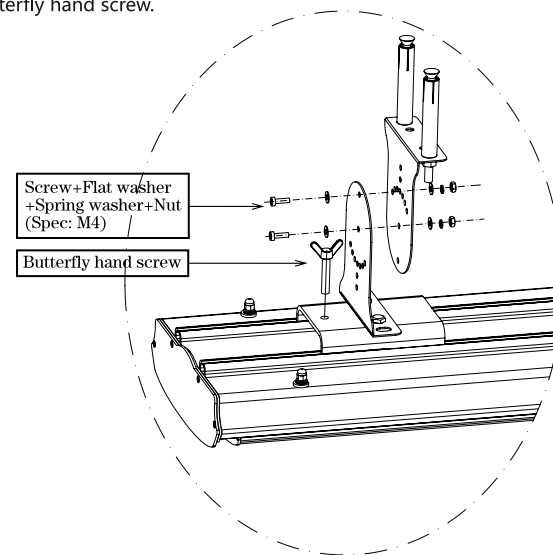
Step 3 : Installation of sliding bracket & heater, as arrow points.



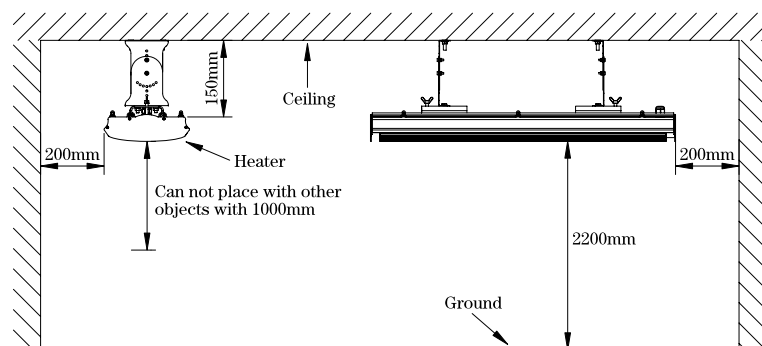
Step 4 : Fix adjusting bracket into the wall by expansion screws.



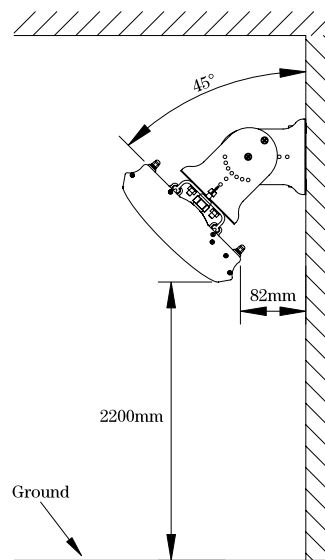
Step 5 : Installation of two adjusting brackets; make sure lock brackets tight by butterfly hand screw.



7. INSTALLATION DIAGRAM

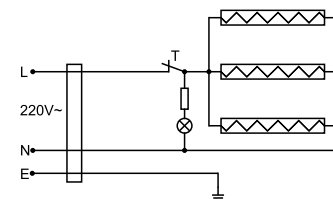


Picture 1



Picture 2

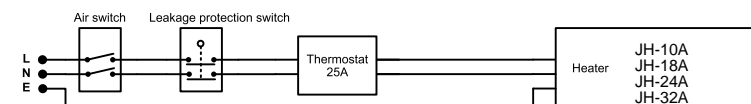
8. INTERNAL WIRE DIAGRAM



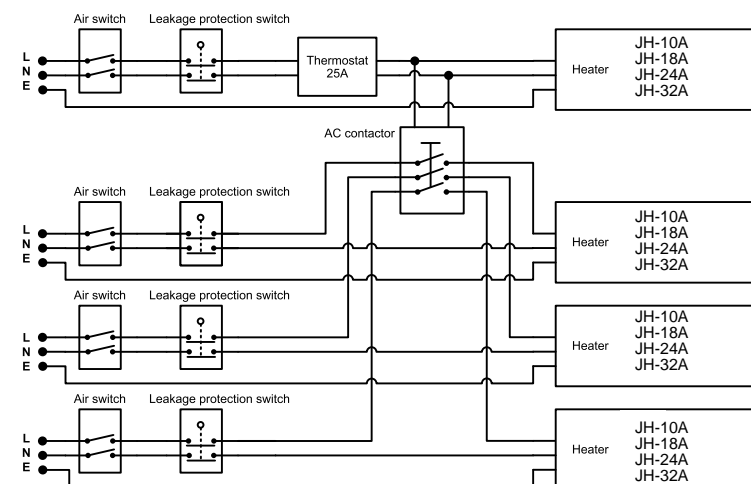
9. WIRE DIAGRAM

Follow wiring instruction as follows:

1. One unit control



2. Several units control



10. INSPECTION ITEMS AFTER INSTALLATION

Items to be checked	Situation caused by improperly installation
Is installation stable?	The equipment may fall off or shake.
Is heat insulation adequate?	Damage objects close to equipment.
Does power voltage same as voltage shown on product nameplate?	Equipment failure.
Does wire connection correct?	Equipment failure.
Does electricity ground connected safely?	There is electricity leakage risk.
Does wiring conform to standard?	Equipment failure or circuit damage.

11. INSPECTION ITEMS FOR COMMISSIONING

1. Cannot turn on power before finishing all installation works.
2. All wires connection are correct and firm.
3. All scattered objects must be removed from radiant heater body.
4. Connect with power to observe radiant heater working status.

12. SAFETY PRECAUTIONS

1. Do not use the same socket together with other appliances, in case of current overload. Make sure the plug and socket good contact.
2. Please pull plugs out when power off. Be care, do not pull wires by hands.
3. Please stop power immediately once heaters failure or wires are broken. Users can not repair heaters by themselves. Pls contact authorized servicer for maintenance if heaters failure.
4. Radiant heater can not be placed directly below the power outlet.
5. Radiant heater surface temperature is high, must be installed higher than 2.2 meters above ground.
6. Radiant heater surface can not be covered and can not hang objects on equipment.
7. The distance between back of radiant heater and roof should be larger than 150mm, can not place objects within 1000mm distance in front of radiant heater, the side should be kept at least 200mm away from the surrounding space.
8. Must cut off power and wait till equipment surface cool before cleaning, flushed by water is prohibited.
9. Users can not repair the radiant heater, if equipment failure and need maintenance, please contact authorized servicer.
10. Do not install and use radiant heaters on areas occur with flammable, explosive, easy to shock.

11. Please do not insert any metal or foreign objects to inside of radiant heater, to avoid accident or personal injury.
12. Radiant heater panel surface with high temperature, the surface temperature can reach to 250°C ~ 380°C, touch is forbidden, beware of scalding accident.
13. Do not splash water into radiant heater to avoid accidents.

13. PACKING LIST

No.	Name	QTY
1	Heater	1 pc
2	Adjusting bracket	4 pc
3	Sliding bracket	1 pc
4	Fastener	1 set
5	Owner manual	1 copy
6	Certification	1 pc

14. SPECIFICATIONS

Model No.	Dimension(mm)	Package size(mm)	Net weight(kg)	Gross weight(kg)
JH-10A	600*189*67	680*250*145	3.7	4.8
JH-18A	1000*189*67	1080*250*145	6.2	7.4
JH-24A	1500*189*67	1580*250*145	8.8	10.6
JH-32A	2000*189*67	2080*250*145	11.6	13.6