

# HEATER

NEW NANO TECHNOLOGY  
INFRARED RADIANT HEATER



CE CB SAA RoHS

FUJIAN JINGHUI ENVIRONMENTAL TECHNOLOGY CO.,LTD.

Add JHCOOL building, Zhanbei road, Cangshan district, Fuzhou, Fujian province, China

Tel: +86-591-88086845

Fax: +86-591-87801972

Website: [www.jhheatsup.com](http://www.jhheatsup.com) [www.jhheater.com](http://www.jhheater.com) [www.jhcool.com](http://www.jhcool.com)

# Enterprise

## Introduction



Fujian Jinghui located at Fuzhou, China, was established in 2006. Our Company is a leading manufacturer for infrared radiant heaters and convector heaters which accumulated first-class professional and technical personnel and strong marketing team. We have designed various types of heaters for factory, hospital, super market, restaurant and office building etc. JH heater has gained recognition and approval from the market.

In China, we have built more than 50 sales and service sites. JH infrared radiant heaters have been distributed to numerous customers. Now, we are producing and selling large amount of radiant heaters for domestic market as well as overseas market.

We adhere to the business philosophy of 'cautious and conscientious create brilliant' for over years, we have developed many energy-saving heating and cooling products with more than 30 patents. It has passed ISO9001:2015 standard, and certified with CE, CB, SAA, RoHS and ISO certification. JH energy saving products have been widely used by government, enterprises and many key projects, and obtained a high degree of community recognition.

## Technology innovation

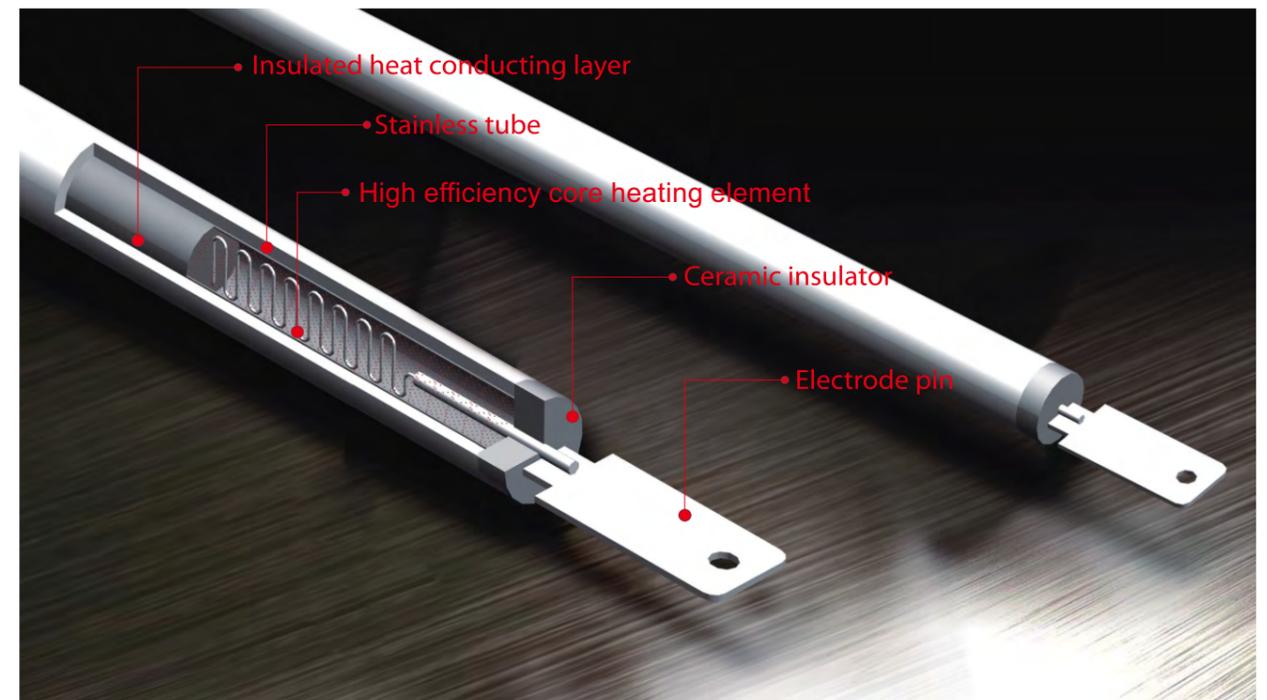
### New tech, quality guarantee

JH heater is made of finned type special aluminum alloy .It creates an obvious energy-saving effect because of high electricity-heat efficiency & high heating elements.

Heating panel is covered by special NANO painting;far infra rays will be created after warming up,as efficiency reaches to 86%.

### Regenerative design, more energy-saving

JH heater adopts reflective heat storage design of proprietary intellectual property rights,to increase more than 20% efficiency, showing the best energy-saving advantages.





# Comparision

## Advantages of JH infrared radiant heater

	JH infrared radiant heater	Air conditioner	Normal electric heater	Gas heater/Oil heater	Hot duct heating system
Energy consumption	Medium	High	High	Low	Medium
Bad smell	No	No	No	Yes	No
Environment pollution	No	Yes, Freon	No	Yes, CO, Co <sub>2</sub>	Yes, exhaust air and dust
Temperature increase time	Fast	slow	slow	slow	Medium
Extract humidity	No	Yes	Yes	Yes	No
Take floor area	No	No	Yes	Yes	Yes
Dangerous	Low surface temperature and hang high in the ceiling	No	High temperature surface	Flame fire, and gas or oil leakage risk	Water leakage happens
Installation	Simple	Complicated	No	Complicated	Very Complicated
Maintain	Easy	1 time per month	1~2 times per month	Every week	Every month
Outdoor use or spot heating	Yes	No	Yes, but low efficient	Yes, but difficult to feed fuel	No
Price	Medium	Expensive	Cheap	Medium	Expensive

### JH far infrared radiant heater

- Power ON/OFF freely, more energy saving, low cost.
- Even heat, fast heating, good heat conductance and low carbon.
- No noise, no wind, no smell, no light, no dust.
- Easy installation, maintenance free, slim & light design, adjustable thermostat.

### Advantages of JH heater

- Far infra ray acts on human body directly, makes people feel like sunshine warm.
- Good physical therapy health cares for human body.
- Make indoor plants flourish.
- Make indoor air clean & sterile due to far infra ray's disinfection antiseptic effect.
- Even heat, smaller temperature difference, especially for ceiling mount.
- Space heating, easy to focus heat on a certain spot within radiant range, even if in a poor situation.

Applications



Restaurant



Factory



Greenhouse



Hotel



Hospital



Outdoor



Family house



School



Office



Street shops



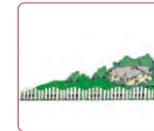
Gyms



Church



Super market and shopping mall



Poultry house and pig house



# Installing bracket



Adjustable wall/ceiling mounted brackets included



Thermostat with remote



Model: E2000EE

### Specification

- Power: < 1.5W
- Timing error: < 0.01%
- Voltage: 100-240V
- Frequency: 50/60Hz
- Load current: 25A
- Temperature control range: 5°C-35°C
- Temperature control precision:  $\pm 1^\circ\text{C}$



### A Serial(Without controller)

Model	Power ( W )	Cover area (m <sup>2</sup> )	Voltage/ Frequency	Rated current ( A )	Surface temp	Dimension (mm)	N/G weight(kg)	Container load Q'ty (20'/40'/40HQ)
JH-NR10-13A	1000	7-13	220V-240V 50/60Hz	4.3	300℃	600*189*67	3.7/4.8	1074/2157/2442
JH-NR18-13A	1800	13-18		7.8		1000*189*67	6.2/7.4	675/1350/1530
JH-NR24-13A	2400	18-25		10.4		1500*189*67	8.8/10.6	456/945/1071
JH-NR32-13A	3200	25-32		13.9		2000*189*67	11.4/13.4	360/735/833
JH-NR40-13A	4000	35-40	380V/50/60Hz	5.8		2000*189*67	11.4/13.4	360/735/833



Timer: 0:00~24:00 hours  
 Power setting: 4 power setting (25%,50%,75%,100% power)  
 With remote control

### B Serial(With controller)

Model	Power ( W )	Cover area (m <sup>2</sup> )	Voltage/ Frequency	Rated current ( A )	Surface temp	Dimension (mm)	N/G weight(kg)	Container load Q'ty (20'/40'/40HQ)
JH-NR10-13B	1000	7-13	220V-240V 50/60Hz	4.3	300℃	695*189*67	4.3/5.4	1000/2100/2300
JH-NR18-13B	1800	13-18		7.8		1095*189*67	6.8/8	640/1360/1530
JH-NR24-13B	2400	18-25		10.4		1595*189*67	9.4/11.2	430/860/1000
JH-NR32-13B	3200	25-32		13.9		2095*189*67	12.2/14.2	340/680/800

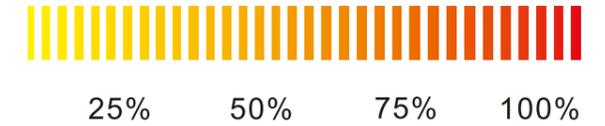


## High heating efficiency

more energy saving than traditional heating system

- Even heat, fast heating, good heat conductance
- No noise
- No light, not dry
- Durable, convenient & safe to use, with a long life.
- Low carbon, energy-saving  
Convenient and flexible

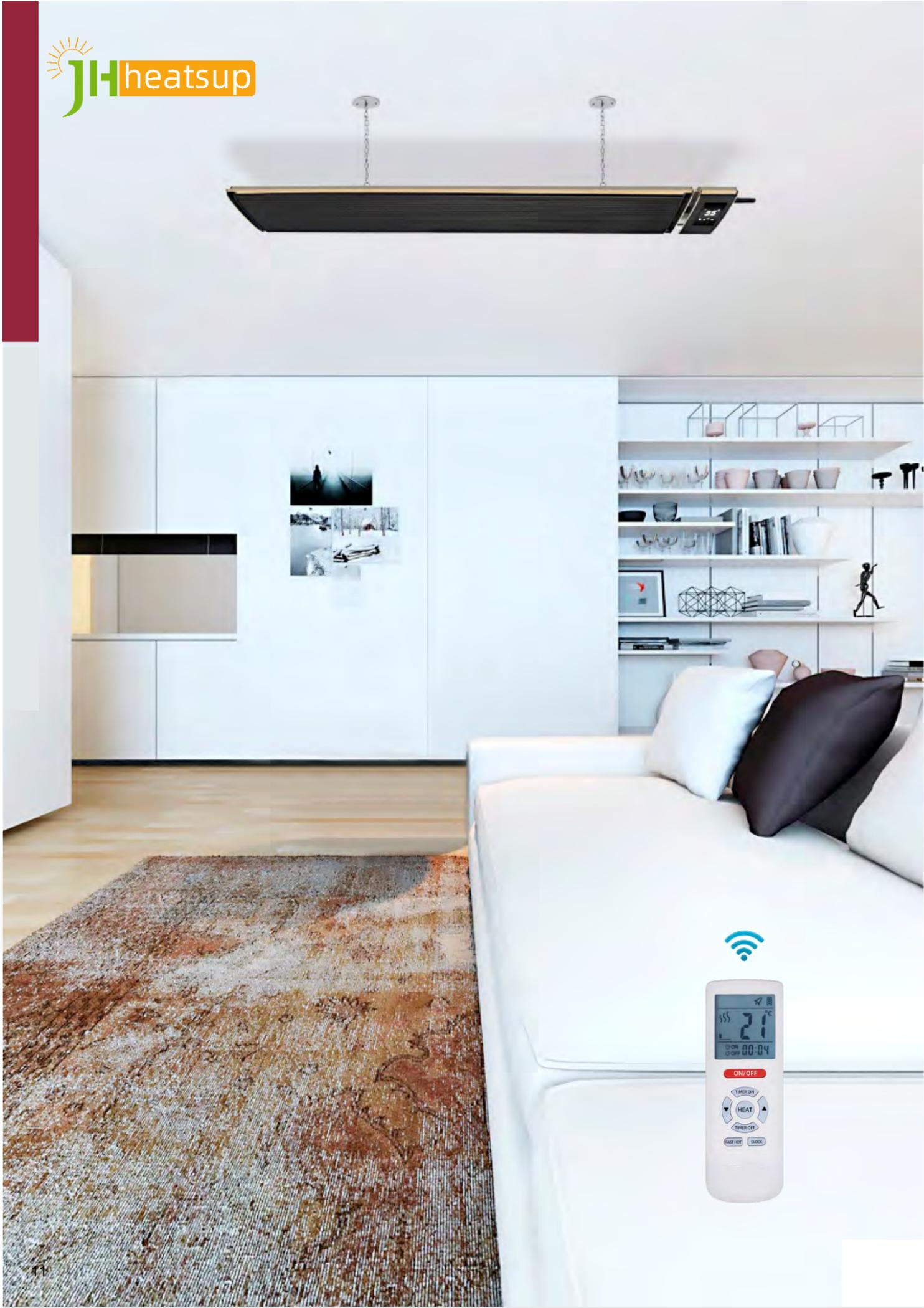
With 4 power-setting function



3D stereo sound Bluetooth speaker  
max connection distance is 10 meters  
(by IOS & Android)

## C Serial(With controller)

Model	Power (W)	Cover area (m <sup>2</sup> )	Voltage/Frequency	Rated current (A)	Surface temp	Dimension (mm)	N/G weight(kg)	Container load Q'ty (20' / 40' / 40HQ)
JH-NR10-13C	1000	7~13	220V~240V 50/60Hz	4.3	300℃	970*189*67	5.8/7.3	705/1632
JH-NR18-13C	1800	13~18		7.8		1370*189*67	8.3/10.2	480/1156
JH-NR24-13C	2400	18~25		10.4		1870*189*67	11.4/13.8	355/884
JH-NR32-13C	3200	25~32		13.9		2370*189*67	14.5/17.5	270/612



## WiFi Control Infrared Radiant Heater

### FEATURES:

- Set upmost 30 time logs.
- Temperature Setting: 5~40°C
- 4 Heating Levels: 25% 50% 75% 100% power
- Family Management: share control link with family members
- Without Location Limitation: allowed to be operated anywhere
- Group Control: up to 200pcs heaters,allowed to control one or several of them individually



APP:Tuya Smart  
(IOS or Android available)



Model	Power (W)	Cover area (m <sup>2</sup> )	Voltage/Frequency	Rated current (A)	Surface temp	Dimension (mm)	N/G weight(kg)	Container load Q'ty (20'/40'/40HQ)
JH-NR10-13W	1000	7-13	220V~240V 50/60Hz	4.3	300°C	755*189*67	4.4/5.5	840/1680/2100
JH-NR18-13W	1800	13-18		7.8		1150*189*67	6.9/8.1	530/1080/1350
JH-NR24-13W	2400	18-25		10.4		1655*189*67	9.5/11.3	570/900/980
JH-NR32-13W	3200	25-32		13.9		2155*189*67	12.3/14.3	350/700/800



### A Serial(Without controller)

Model	Power (W)	Cover area (m <sup>2</sup> )	Voltage/Frequency	Rated current (A)	Surface temp	Dimension (mm)	N/G weight(kg)	Container load Q'ty (20'/40'/40HQ)
JH-NR10-14A	1000	7~13	220V~240V 50/60Hz	4.3	300℃	600*215*70	3.6/4.8	1139/2278/2546
JH-NR18-14A	1800	13~18		7.8		1000*215*70	6.1/7.5	714/1462/1634
JH-NR24-14A	2400	18~25		10.4		1500*215*70	8.8/10.8	459/986/1102
JH-NR32-14A	3200	25~32		13.9		2000*215*70	11.6/13.8	374/748/836
JH-NR40-14A	4000	35~40	380V,50/60Hz	5.8		2000*215*70	11.6/13.8	374/748/836



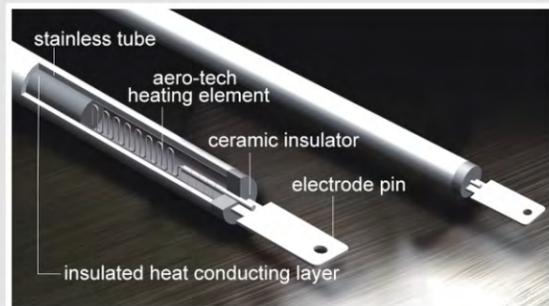
### B Serial(With controller)

Model	Power (W)	Cover area (m <sup>2</sup> )	Voltage/Frequency	Rated current (A)	Surface temp	Dimension (mm)	N/G weight(kg)	Container load Q'ty (20'/40'/40HQ)
JH-NR10-14B	1000	7~13	220V~240V 50/60Hz	4.3	300℃	695*215*70	4.3/5.5	986/1972/2204
JH-NR18-14B	1800	13~18		7.8		1095*215*70	6.8/8.2	610/1290/1442
JH-NR24-14B	2400	18~25		10.4		1595*215*70	9.5/11.5	442/901/1007
JH-NR32-14B	3200	25~32		13.9		2095*215*70	12.3/14.5	357/731/817



## FEATURES:

- No light: far infrared ray is not visible, will not affect rest at night.



Model	Power (W)	Cover area (sqm)	Voltage/Frequency	Product Size (mm)	N/G Weight(kg)	Container Load Q'ty (20'/40HQ)
JH-NR10-19EA	1000	7-12	220V/50/60Hz	145*55*700	3.5/4.3	1050/2304
JH-NR18-19EA	1800	12-16		145*55*1100	5.5/6.6	660/1504
JH-NR24-19EA	2400	16-22		145*55*1600	7.5/9.6	495/1056
JH-NR32-19EA	3200	22-28	220V/380V/50/60Hz	145*55*2100	9.9/12.5	390/848

- No noise: through radiant to warming, no need to use fan motor, no noise pollution.
- Good physical therapy: radiation wavelength controls in 4-14 micron, health cares for human body.



## Cover area

It shows the heating coverage areas of the respective models, general information about the different types of infrared radiation and their effectiveness, as well as the technical data sheets for the individual models. It thus contains all the data you need to plan, install and operate each model.



Power(kw)	1.0	1.8	2.4	3.2	4.0
L(cm)	200	310	340	450	500
W(cm)	200	240	250	250	250
H(cm)	220	220	220	220	220
MAX. Δ:	5°C	8°C	10°C	13°C	15°C

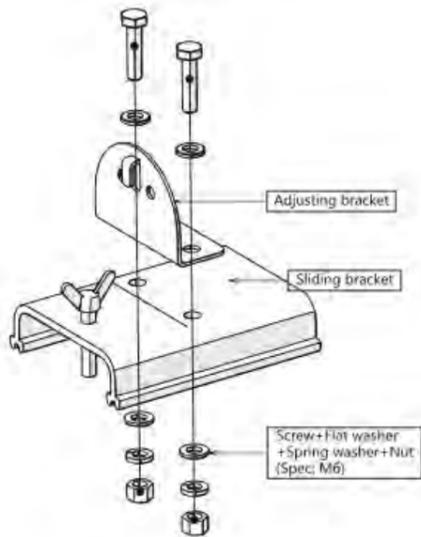
This graphic shows the heating performance of JH heater. Please note that the heat output always depends on a wide range of factors. They include installation height (1.8 to 2.2metres), installation environment (indoor or outdoor, enclosed or open, wind -prone or windy), weather, radiation angle, voltage fluctuations, etc. Please consider all these factors in your planning.

# INSTALLATION INSTRUCTION

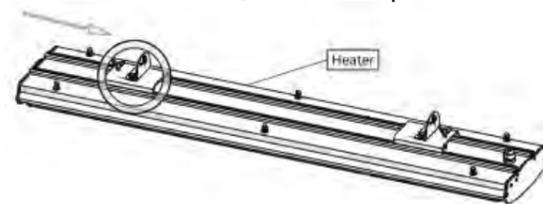
**Step1:** Take out packing of both ends of heater



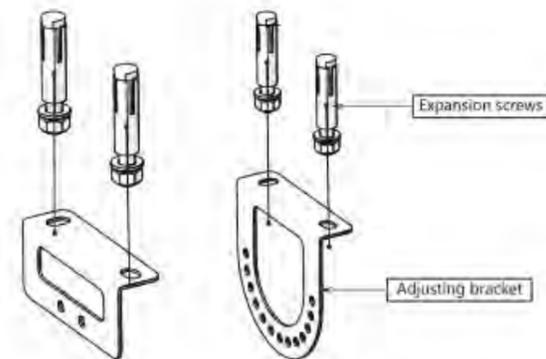
**Step2:** Installation of adjusting bracket & Sliding bracket



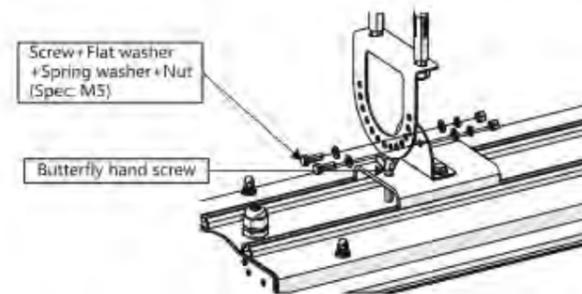
**Step3:** Installation of sliding bracket & heater, as arrow points.



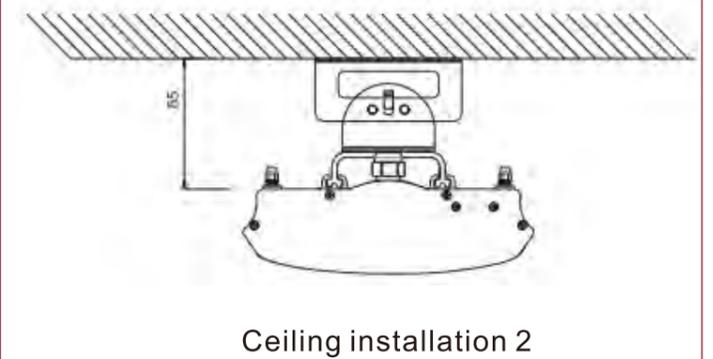
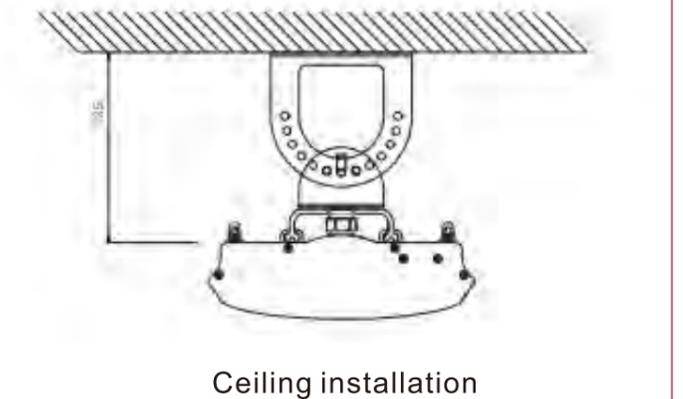
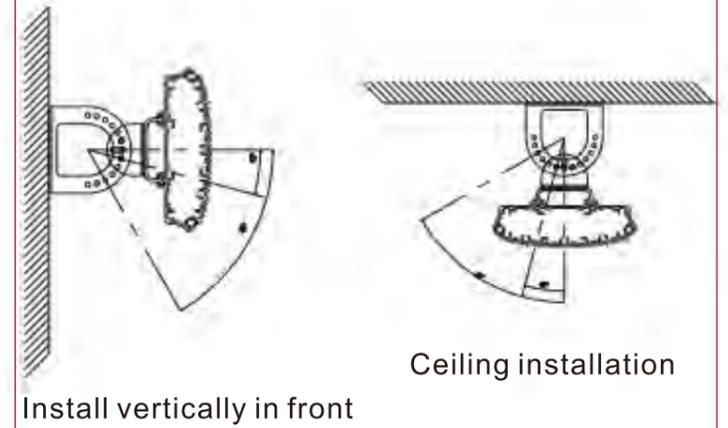
**Step4:** Fix adjusting bracket into the wall by expansion screw.



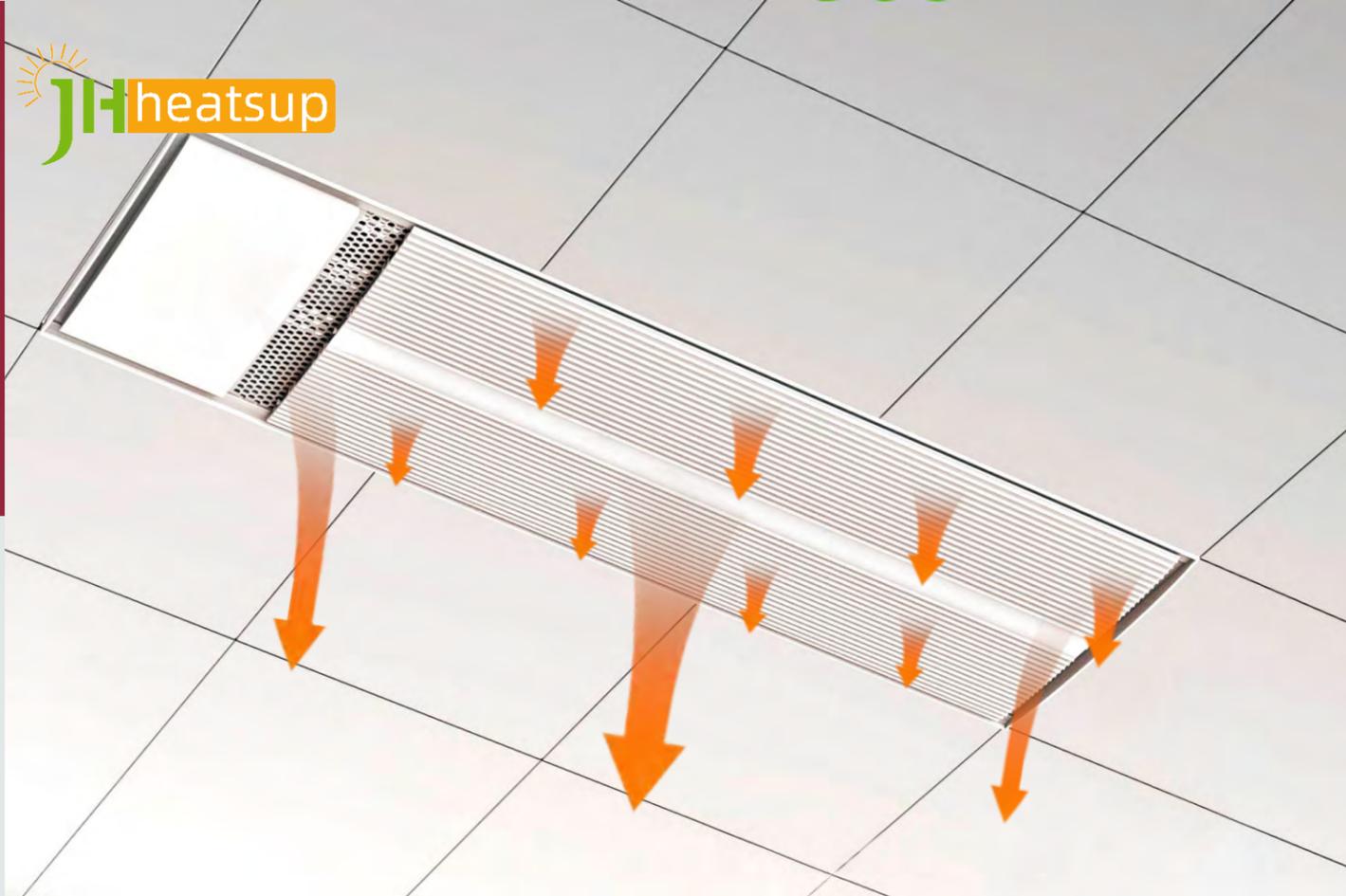
**Step5:** Installation of tow adjusting brackets, make sure lock brackets tight by butterfly hand screw.



## INSTALLATION DIAGRAM



Description: Ceiling Mount 1 bracket can adjust the angle, if the choice of ceiling installation 2 bracket is not adjustable angle.

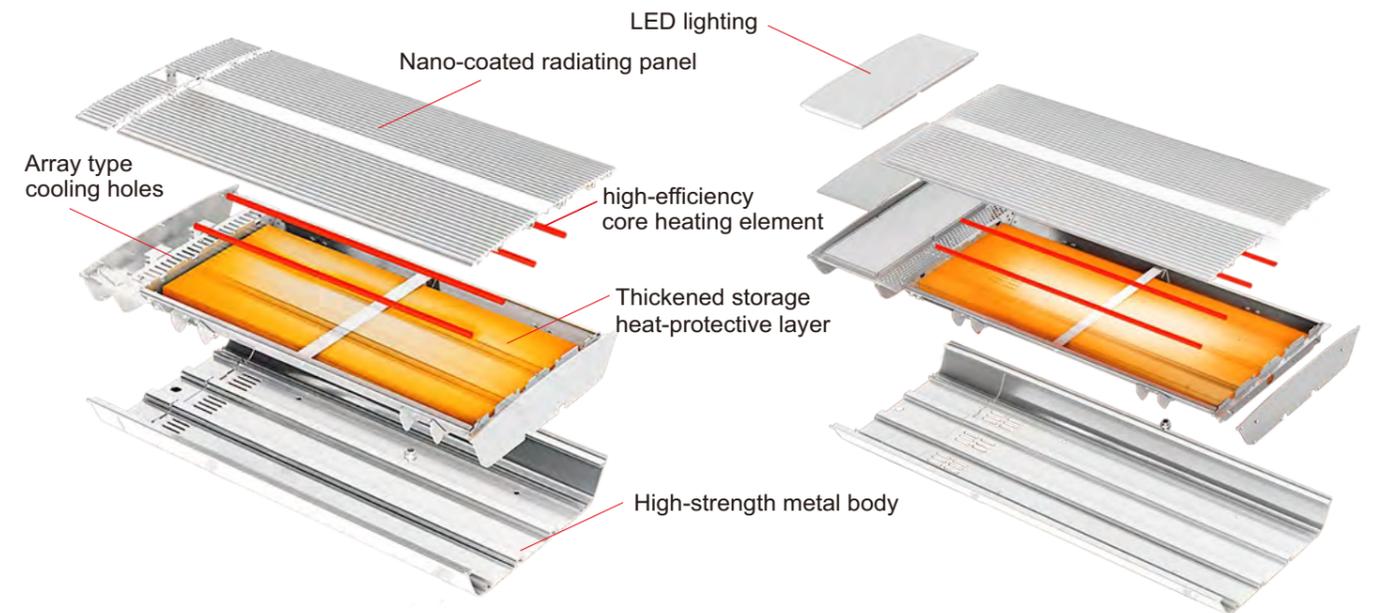


Bathroom heater with Heating only

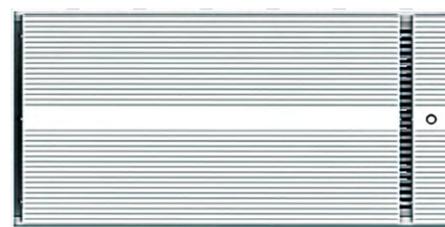
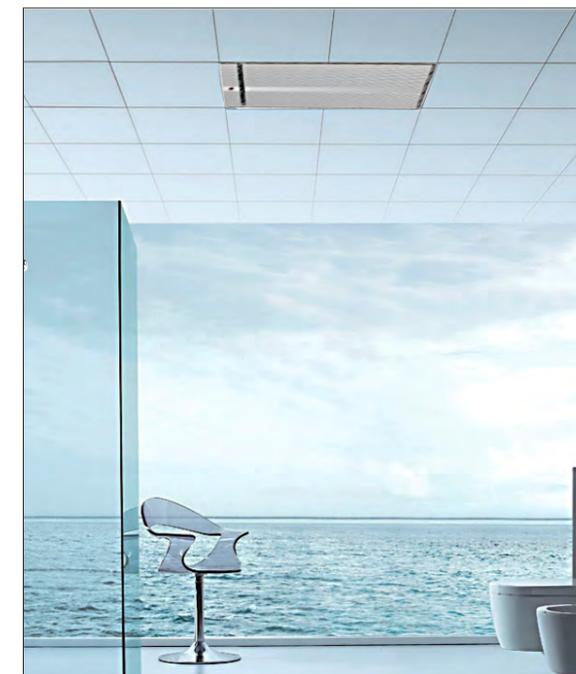
Model: JH-NR16-18A

Bathroom heater with Lighting and Heating

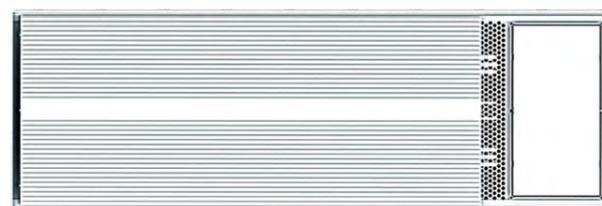
Model: JH-NR20-19A



The bathroom heater is based on the principle of "sun warms the earth". It uses the special aluminum alloy as the base material and a range heating element with high electrothermal conversion efficiency, and a reflective thermal storage box with independent intellectual property rights which can increase 20% heating efficiency with presenting excellent energy-saving advantages. The heating plate is evenly attached to a special nano-coating. After heating, the nano-coating has been catalyzed and release far-infrared rays with over 86% all-direction normal emissivity.



JH-NR16-18A



JH-NR20-19A

**Bathroom heater**  
Scandinavian modern minimalist design

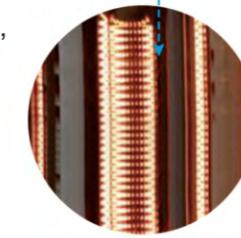
Model	JH-NR16-18A	JH-NR20-19A
Dimension	600*300*90mm	900*300*90mm
Power	1650W	2000W
Voltage	220VAC	220VAC
Rated Current	7.5A	9.1A
Lighting function		12W
Cover Area	5-7m <sup>2</sup>	8-10m <sup>2</sup>



## JH-BF21A

JH glass heater provides 5-second instant heat with 1600 watt, is waterproof and with strongly reduced light thanks to the high-quality ceramic glass screen.

The heater is suitable for wall and ceiling mounting, brackets included.



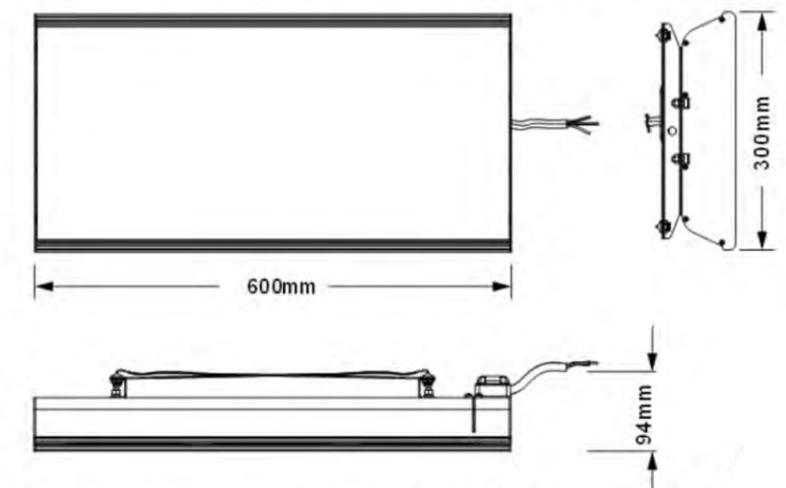
### Heating element:

Medium wave carbon fiber heating elements will provide approx 10000 hours of continuous use



Model	JH-BF21A	Case material	Corrosion-resistance anodized aluminum
Use	Bathronm,SPA,Wellness	Power	1500W
Fittings	With ON/OFF switch	Glass screen material	Ceramic glass
Performance	2x800 watts,heating area about 10-15sqm	Glass Screen color	White
Protection	IP65,waterproof	Carton size	650x350x145mm
Cable	1m 3-wire,1.5mm <sup>2</sup>	Weight	5.1/6.8Kg
Connection	L/N/PE,230V-50Hz	Dimensions	600x300x94mm

We advise to use 10A slow blow fuses



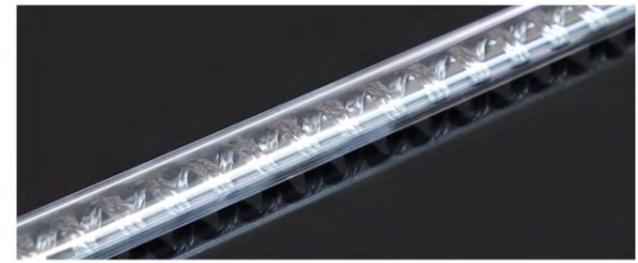


**INFRARED HEATING FOR  
A COZY HOME**  
5 seconds fast heating

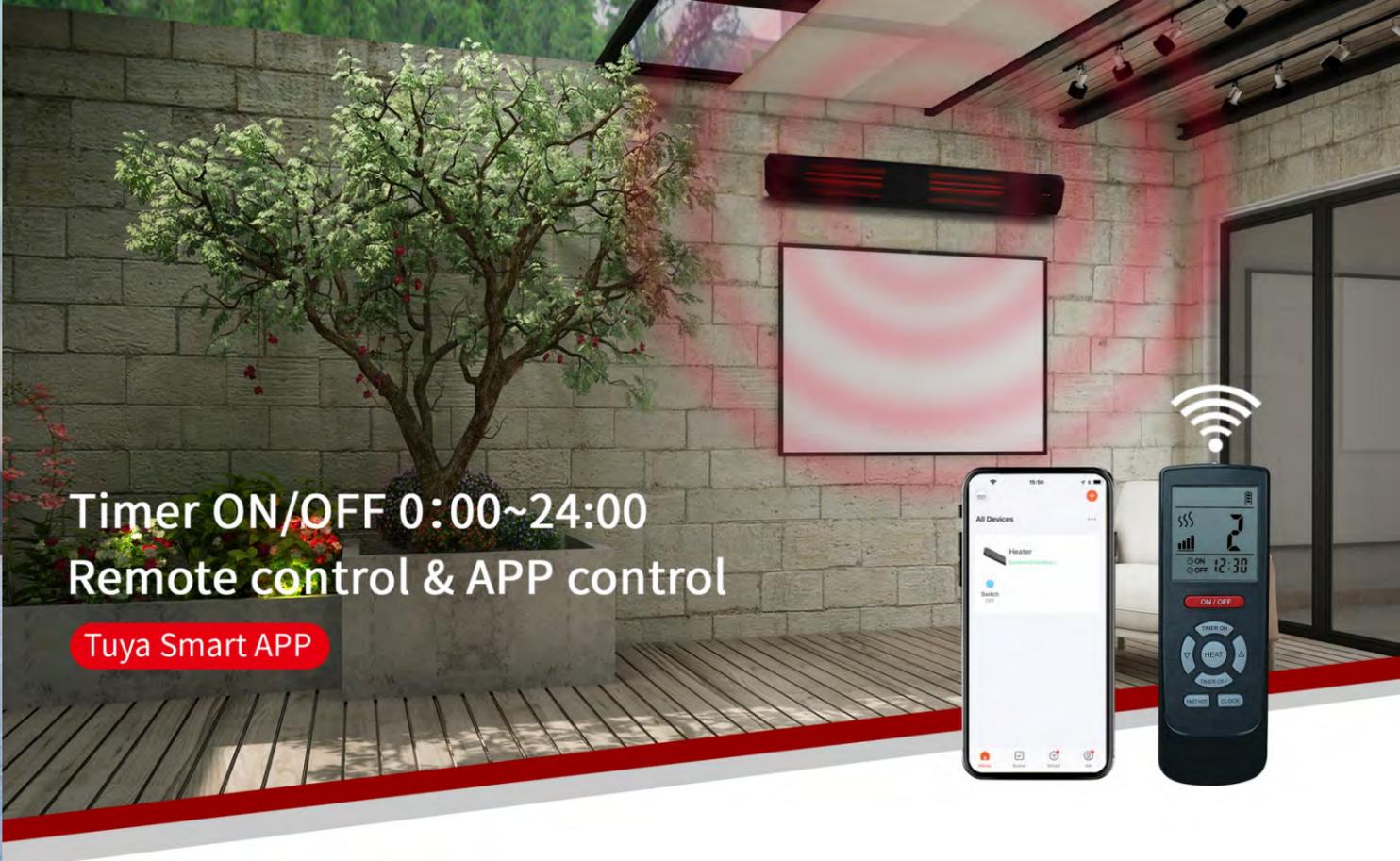


**FRONT GLASS-CERAMIC PANEL**

- ✓ Near-zero thermal expansion
- ✓ High heat-resistant up to 950°C
- ✓ 2 power setting, 75% & 100% power
- ✓ Reduction of visible light in combination with high infrared transmission.



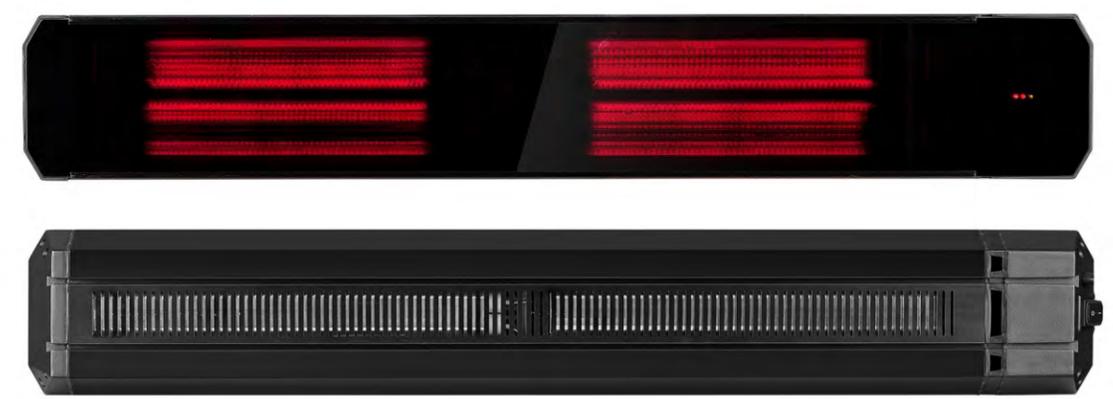
Heating elements , High IP Rating



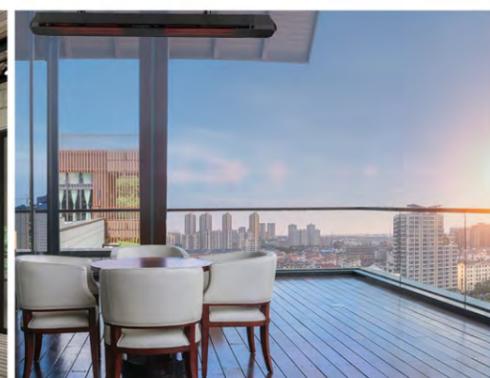
Timer ON/OFF 0:00~24:00  
Remote control & APP control

Tuya Smart APP

**PRODUCT INFORMATION**



Model	Power (W)	Rated current (A)	Voltage (V)	Power level 1 Power(W) 75%	Power level 2 Power(W) 100%	N/G weight(kg)	Dimension(mm)
JH-NR16-22B	1600	7	220-240	1200	1600	5/6.1	810*180*77
JH-NR22-22B	2200	9.6	220-240	1650	2200	7/8.2	1160*180*77
JH-NR32-22B	3200	13.9	220-240	2400	3200	9.9/11.7	1660*180*77





## INFRARED RADIANT THEATER

- Slim & Stylish Design
- Indoor & Outdoor Use
- Comfortable like sunshine, not dry the air
- No smell, No light, No wind, No noise
- Heat human body and animal, not the air
- Tuya Smart App Control & Remote Control
- wifi Connection, Voice Commands (Alexa and Google Home)



APP: Tuya Smart  
( IOS or Android available)  
WIFI Control Infrared Radiant Heater



## Product Parameters

Model	JH-NR10-23W	JH-NR18-23W	JH-NR24-23W	JH-NR32-23W
Power	1000W	1800W	2400W	3200W
Voltage	220-240VAC 50-60Hz	220-240VAC 50-60Hz	220-240VAC 50-60Hz	220-240VAC 50-60Hz
Current	4.3A	7.8A	10.4A	13.9A
Control	Remote & TuyaAPP	Remote & TuyaAPP	Remote & TuyaAPP	Remote & TuyaAPP
IP class	IP44	IP44	IP44	IP44
Gross Weight	3.4kg	5.3kg	7.6kg	9.9kg
Dimension	693*151*52mm	1093*151*52mm	1593*151*52mm	2093*151*52mm
Packing Size	770*210*150mm	1170*210*150mm	1670*210*150mm	2170*210*150mm
Loading Quantity	2965(40HQ)	1974(40HQ)	1382(40HQ)	1061(40HQ)