

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 www.jhheater.com 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

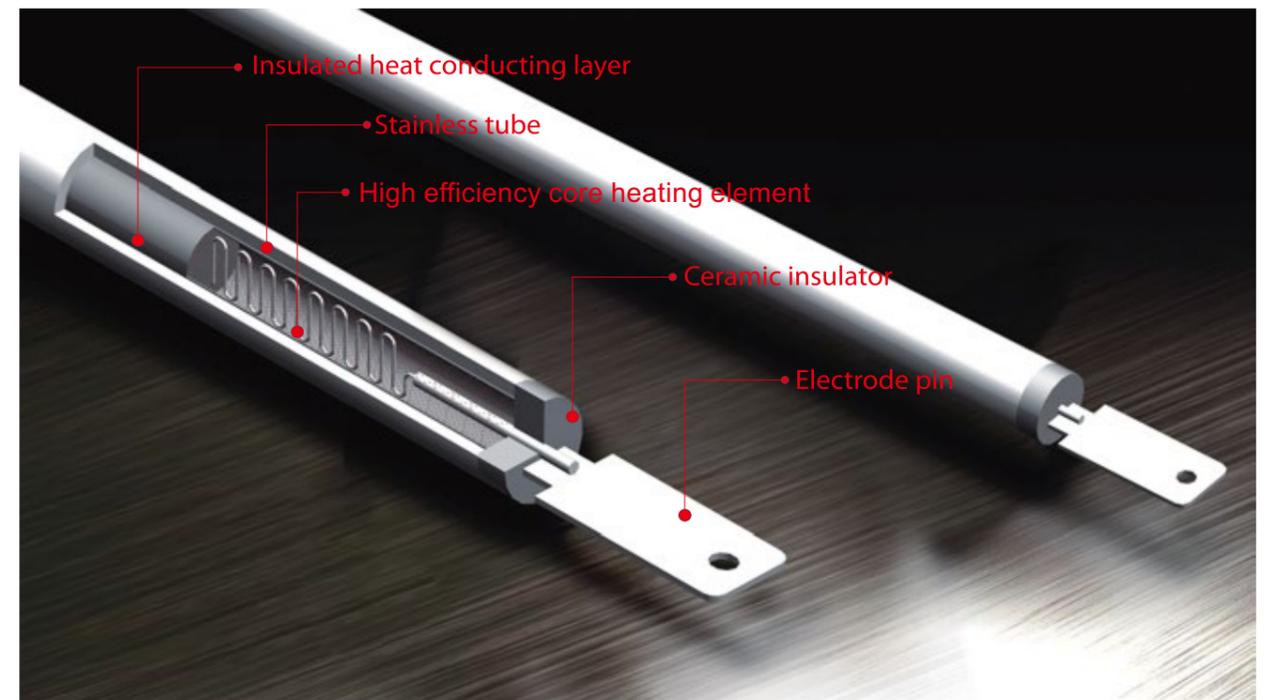
New tech, quality guarantee

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 ₂	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

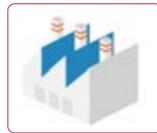
- Power ON/OFF freely, more energy saving, low cost.
- Even heat, fast heating, good heat conductance and low carbon.
- No noise, no wind, no smell, no light, no dust.
- Easy installation, maintenance free, slim & light design, adjustable thermostat.

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

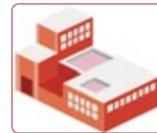

Greenhouse


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 ²)	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: 0~8 hours (0/2/4/8 Hour)
 Power setting: 4 power setting (25%,50%,75%,100% power)
 With remote control

B Serial(With controller)

Model	Power (W)	Cover area (m ²)	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

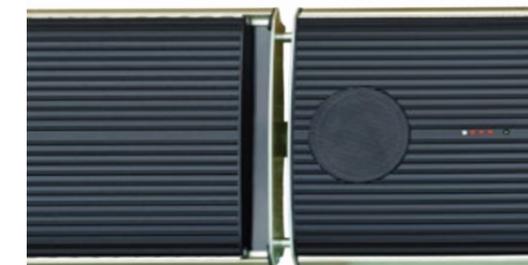


High heating efficiency

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



25% 50% 75% 100%



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

C Serial(With controller)

Model	Power (W)	Cover area (m ²)	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 up most 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 ²)	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 ²)	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



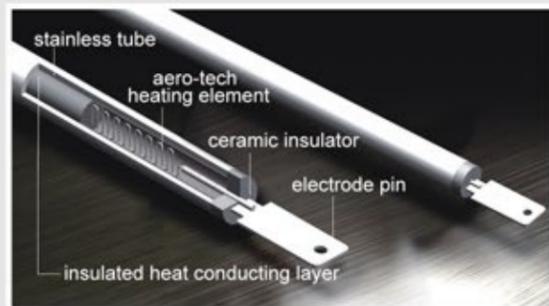
B Serial(With controller)

Model	Power (W)	Cover area (m ²)	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 2.2 metres), 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.

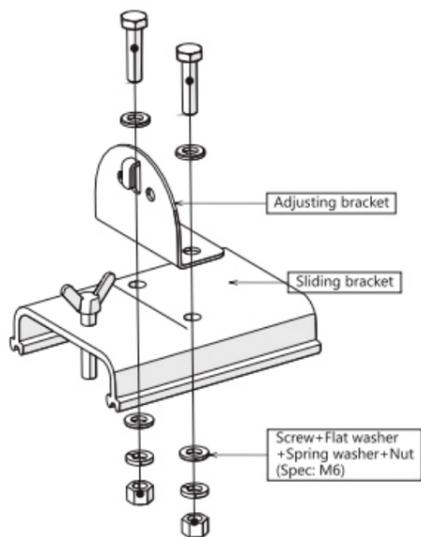


INSTALLATION INSTRUCTION

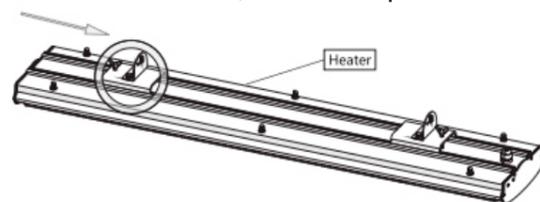
Step1: Take out packing of both ends of heater



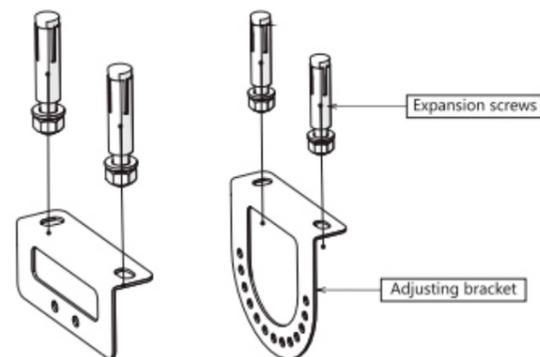
Step2: Installation of adjusting bracket & Sliding bracket



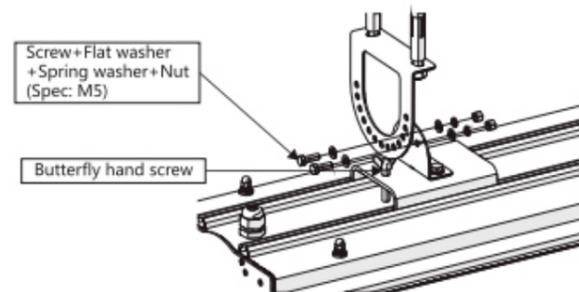
Step3: Installation of sliding bracket & heater, as arrow points.



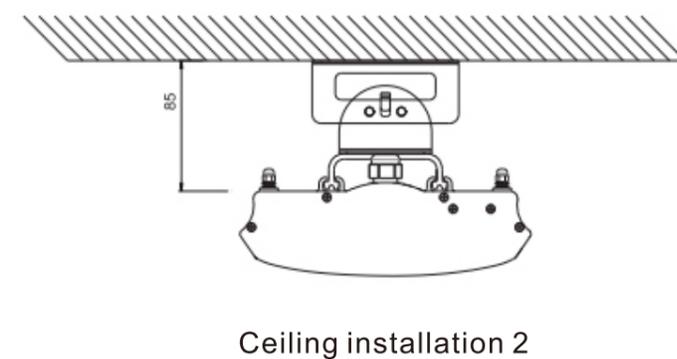
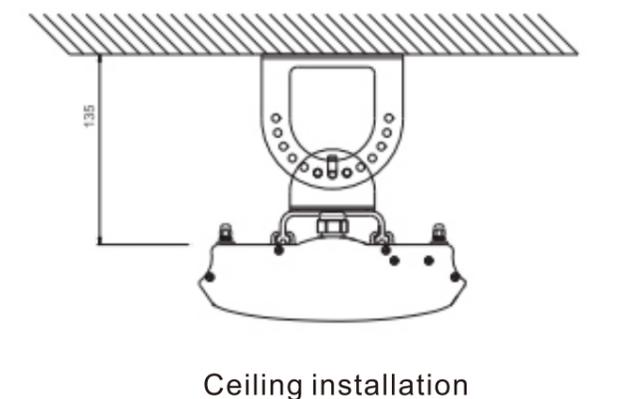
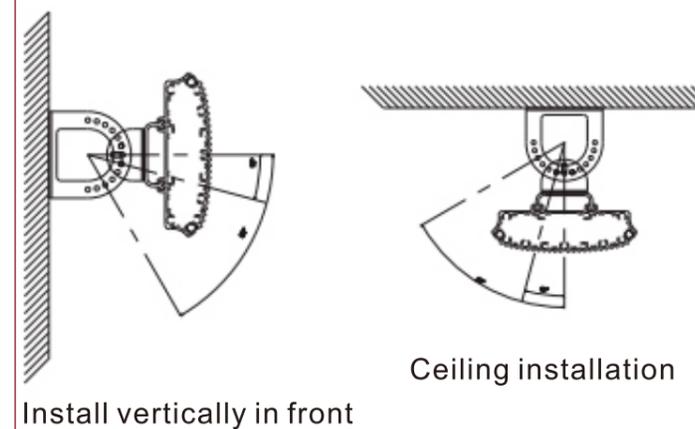
Step4: Fix adjusting bracket into the wall by expansion screw.



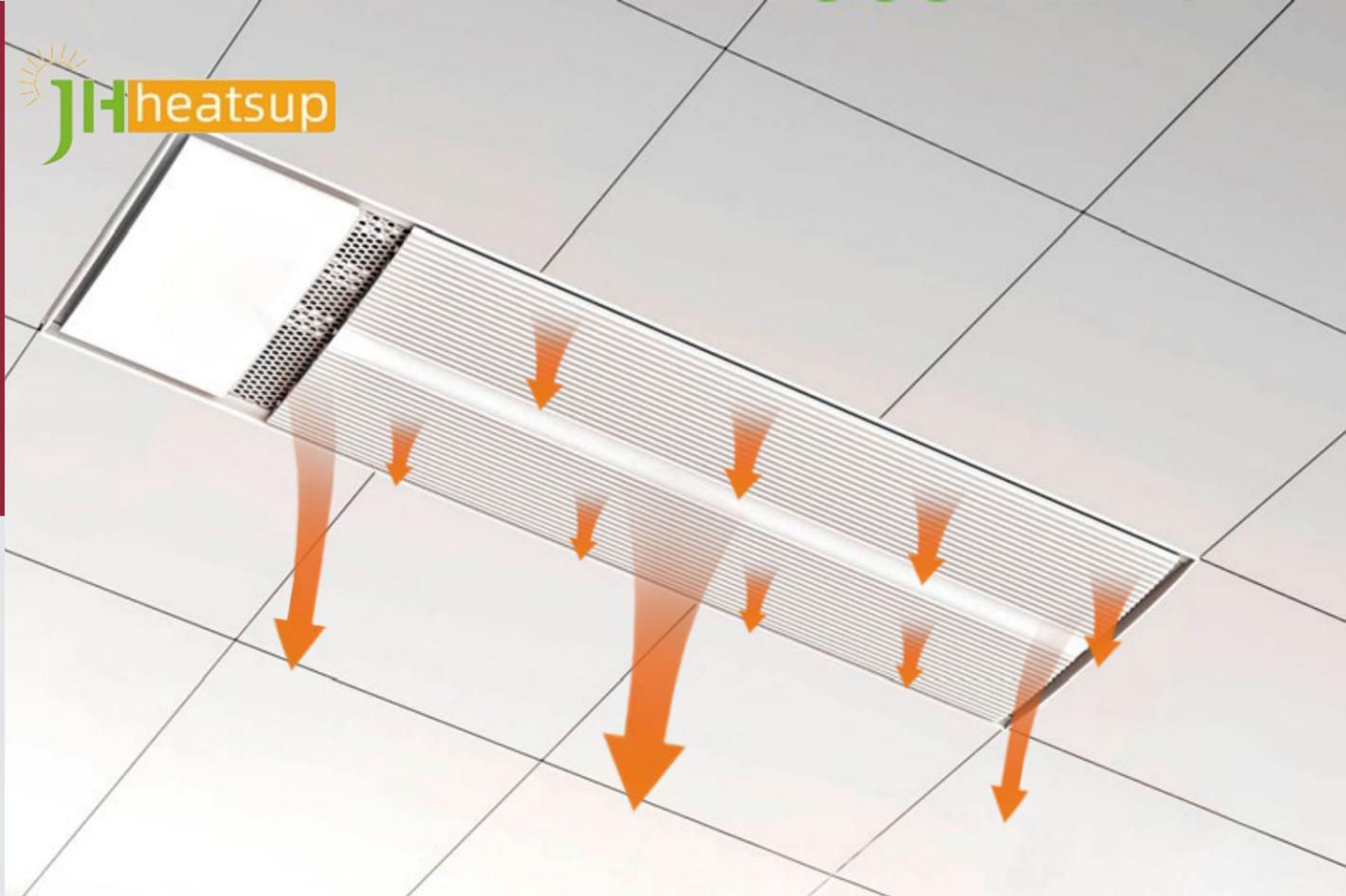
Step5: Installation of tow adjusting brackets, make sure lock brackets tight by butterfly hand screw.



INSTALLATION DIAGRAM



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

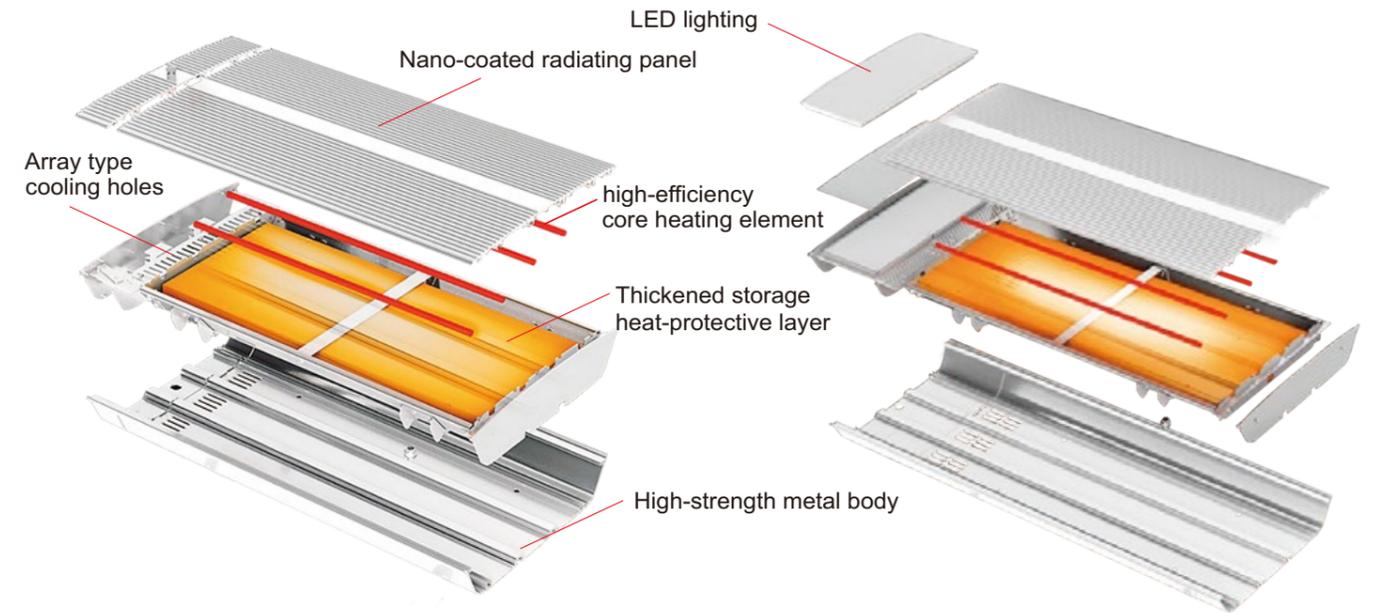


Bathroom heater with Heating only

Model: JH-NR16-18A

Bathroom heater with Lighting and Heating

Model: JH-NR20-19A

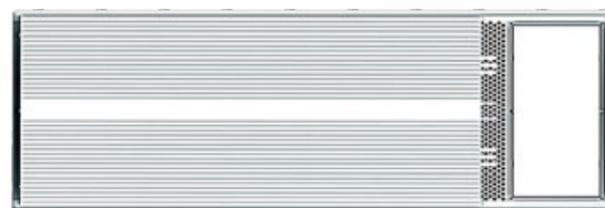


The bathroom heater is based on the principle of "sun warms the earth". It uses the special aluminum alloy as the base material and a range heating element with high electrothermal conversion efficiency, and a reflective thermal storage box with independent intellectual property rights which can increase 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

Bathroom heater
Scandinavian modern minimalist design



JH-NR20-19A

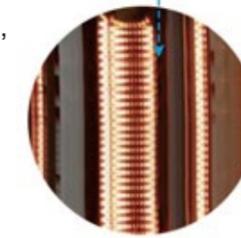
Model	JH-NR16-18A	JH-NR20-19A
Dimension	600*300*90mm	900*300*90mm
Power	1650W	2000W
Voltage	220VAC	220VAC
Rated Current	7.5A	9.1A
Lighting function		12W
Cover Area	5-7m ²	8-10m ²



JH-BF21A

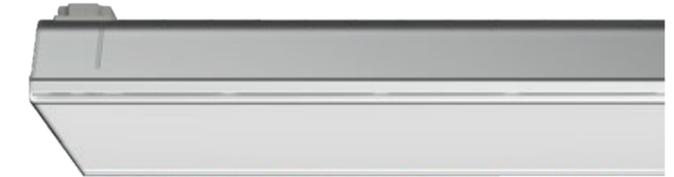
JH glass heater provides 5-second instant heat with 1600 watt, is waterproof and with strongly reduced light thanks to the high-quality ceramic glass screen.

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



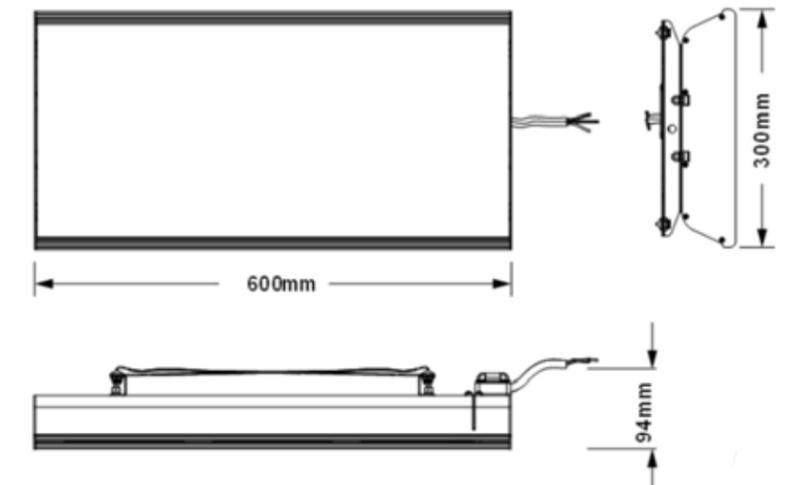
Heating element:

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 ²	Weight	5.1/6.8Kg
Connection	L/N/PE,230V-50Hz	Dimensions	600x300x94mm

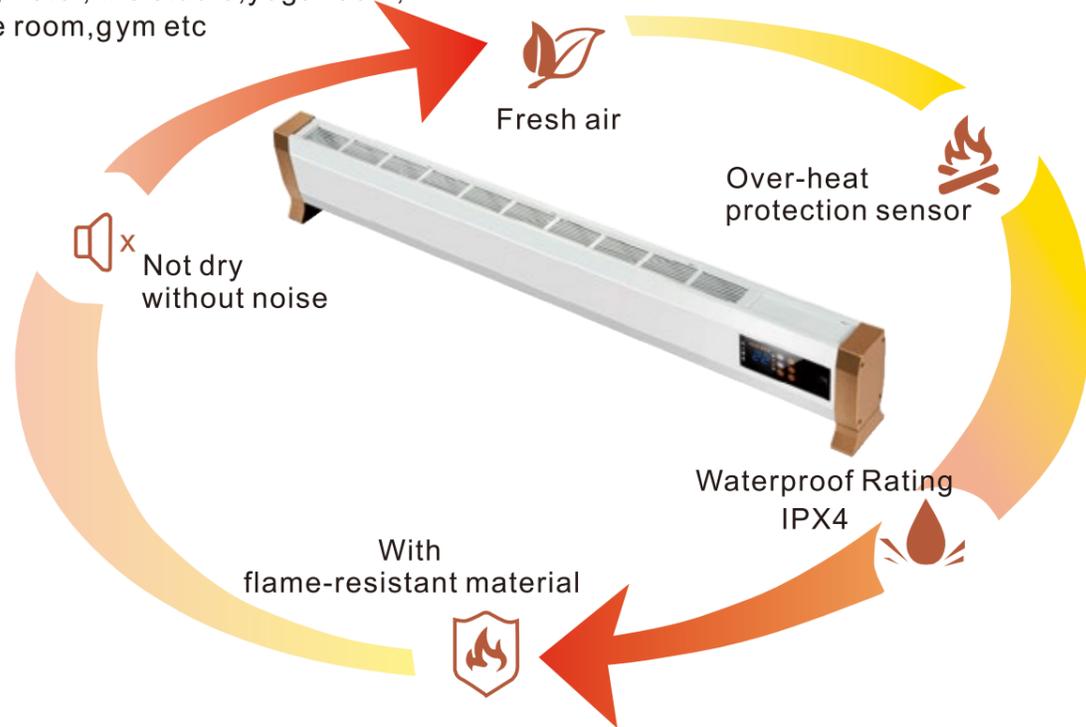
We advise to use 10A slow blow fuses



Electric baseboard heaters are usually located along the floor, beneath a window. Inside an aluminum housing, there is a metal cable containing a heating element. Around the cable are “fins” designed to help radiate the heat throughout the room.



Use for: Living room, bedroom , restaurant, office, hotel, the studio,yoga room, dance room,gym etc



Electric baseboard heater (with aluminum housing)

Model	Power (W)	Voltage/Frequency	Rated current (A)	N/G weight(kg)	Dimension (mm)	Packed size (mm)	Container load Q'ty (20' / 40HQ)
JH-NC20-18B	2000	220V~240V 50/60Hz	9.1	6 / 7.5	1400*90*150	1470*150*240	480/1156
JH-NC25-18B	2500		11.4	7 / 8.5	1600*90*150	1670*150*240	450/ 1071
JH-NC30-18B	3000		13.7	8 / 10	1800*90*150	1870*150*240	414/952



Electric baseboard heater (with iron housing)

Model	Power (W)	Voltage/Frequency	Rated current (A)	N/G weight(kg)	Dimension (mm)	Packed size (mm)	Container load Q'ty (20' / 40HQ)
JH-NC18-18C	1800	220V~240V 50/60Hz	9.1	4.3/ 5.9	1000*125*240	1170*159*240	560/1972
JH-NC20-18C	2000		11.4	5.2/ 6.8	1200*125*240	1370*159*240	518/1200
JH-NC22-18C	2200		13.7	6.1/ 7.7	1400*125*240	1570*159*240	434/1049