



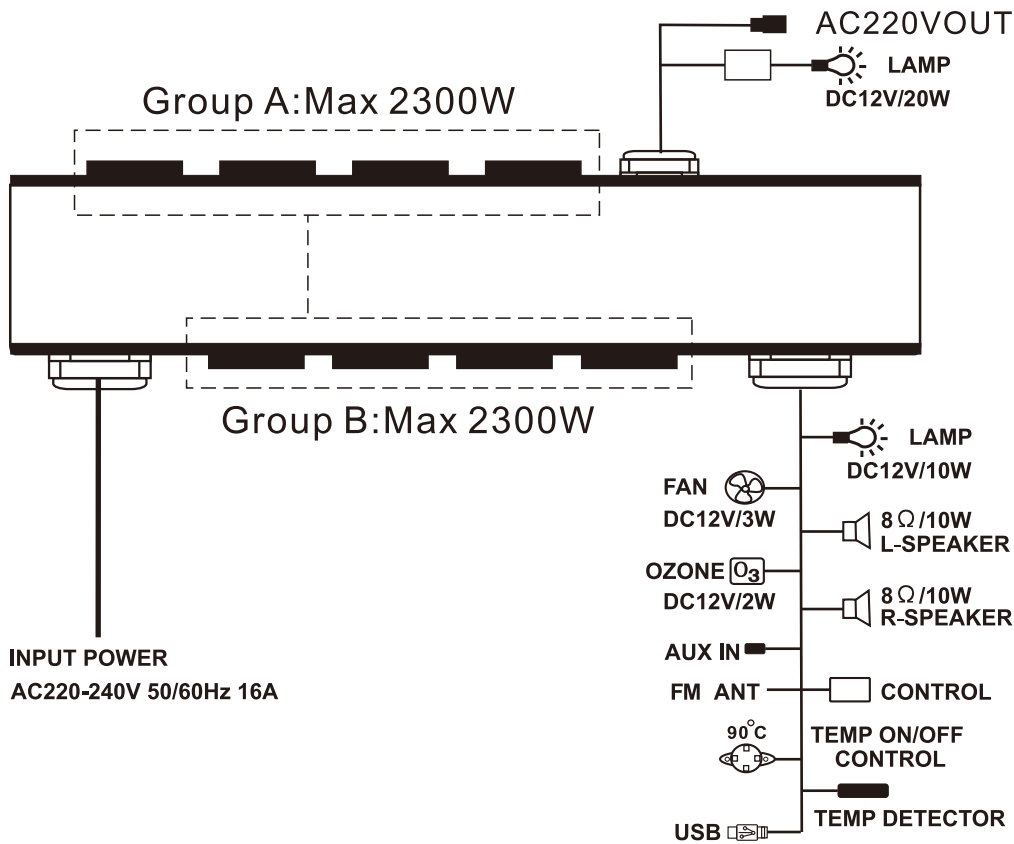
# Infrared Sauna Room Manual

KY0718BT Control System

 Please read this manual before installation

# 1.The electric box wiring diagram

## INFRARED SAUNA CABLE CONNECTION DIAGRAW MODLE:KY 0718



### DANGER

Risk of electric shock. Before working with any electrical connections, make certain that the main power breaker from the house breaker box has been turned off.



### WARNING

All electrical work must be performed by a qualified electrician and must conform to all local codes.



### IMPORTANT

Due to the danger of severe electrical shock, locate all power disconnects before servicing. Precautions must be taken whenever working with breaker boxes, grounded or service disconnects.

Dear Users,

Thanks for purchasing our products. In order to use these products safely and effectively, please read this manual carefully before use.

We reserve the right to improve our products.

Do not connect the other equipment our company did not recommend to this machine load cable; don't take down or change the connecting cable, or damage the machine.

Check the connecting cable before the machine is going to work. Don't pull off the cable when electrified except the power input line. Every grounded place should connect to the ground securely.

### Technology parameters

Rated Voltage : AC220-240V

**Rated Power :  $\leq 3500W$**

**Rated Current :  $\leq 16A$**

Rated frequency : 50/60 Hz

Insulated Resistance :  $>20M\Omega$

### Load parameter

Fan: DC12V/5W

Color Light: DC12V/5W

Speaker:  $8\Omega/10W$

FM receiver: VHF band II 87.5-108MHz

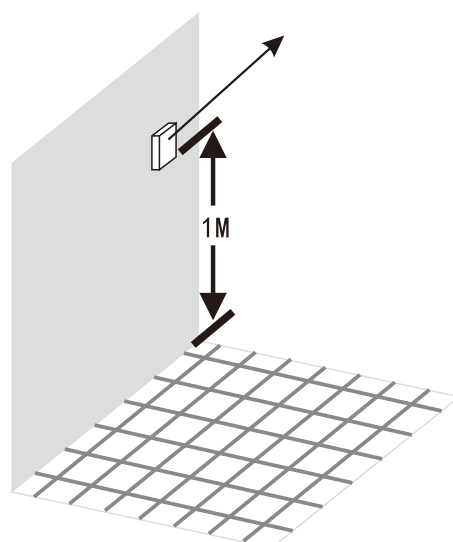
Bluetooth Technical Specification :

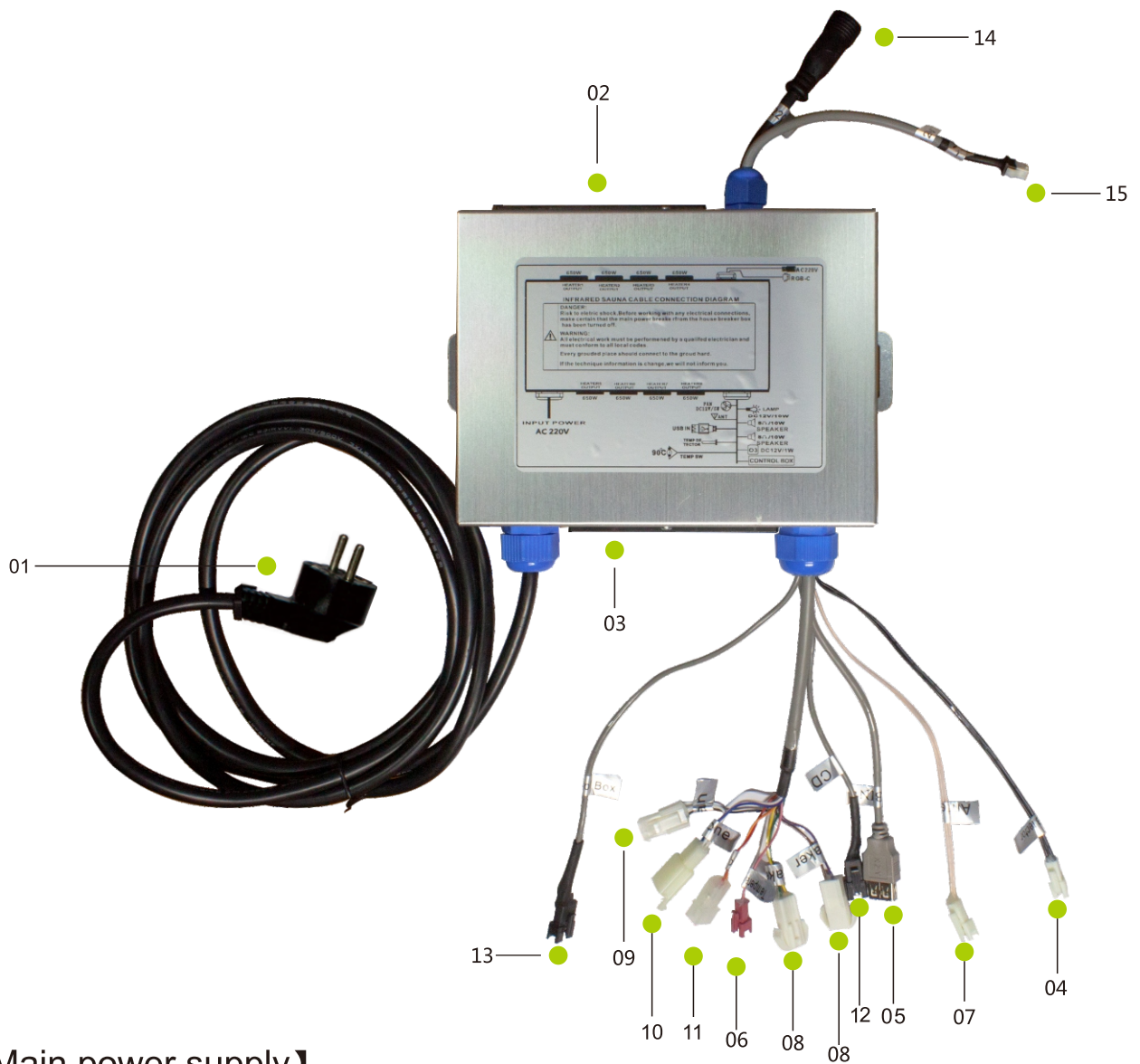
Operating Frequency 2402 - 2480 MHz

Output power : 1.55mW

## 2. Electric box installation drawing

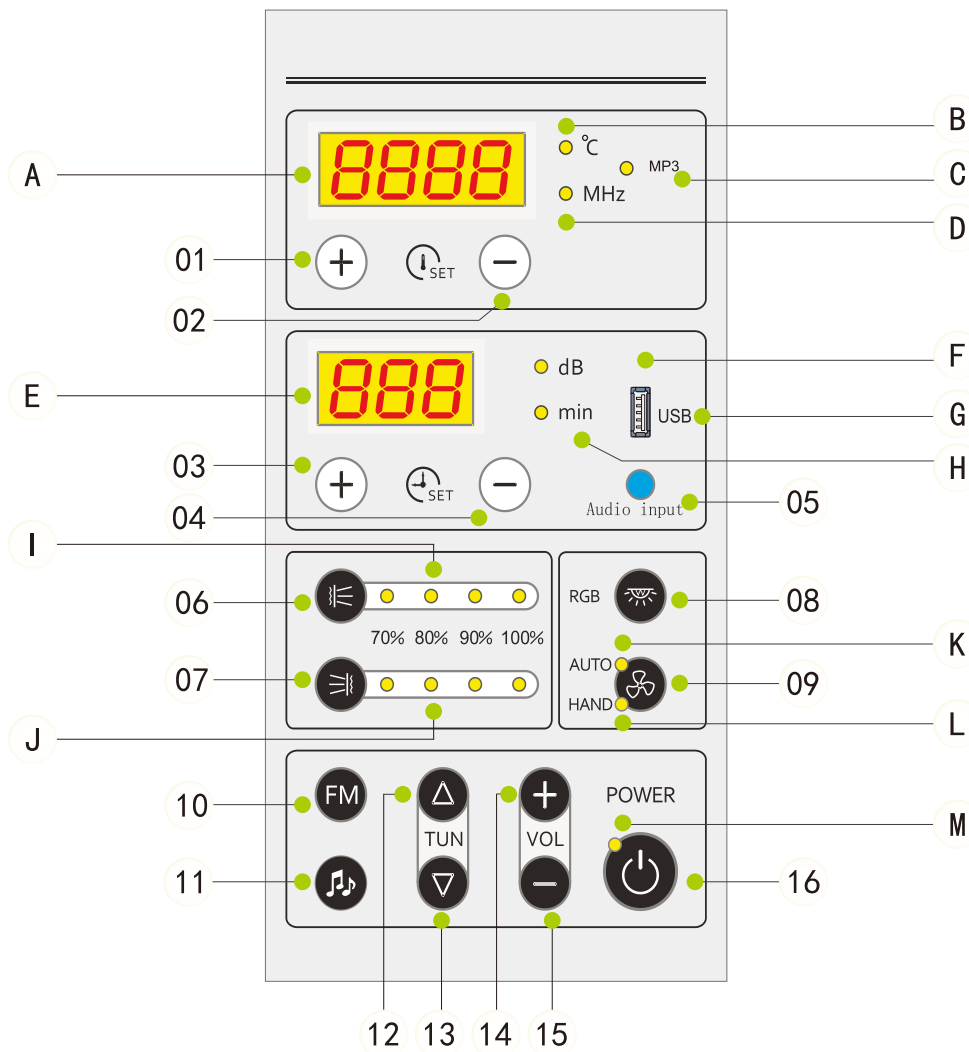
The sauna shall be connected with a standard power outlet socket or junction box with air switch or leakage switch 1 meter above the ground





- ① 【Main power supply】
- ② 【Group A】 Connect back heater and leg heater normally.
- ③ 【Group B】 Connect front heater and side heater normally.
- ④ 【Temperature detector wire】 To connect the temperature protector in the cabin, not able to work if cut the connection
- ⑤ 【USB input】 for U disk or memory card
- ⑥ 【Temperature controller wire】 To connect the back thermostat, not able to work if cut the connection
- ⑦ 【The antenna】
- ⑧ 【Speaker wire】 left and right channels,connecting speaker
- ⑨ 【Fan wire】 connecting fan
- ⑩ 【Optional Ozone】
- ⑪ 【Colour wire】 connecting roof lamp
- ⑫ 【3P Signal wire】 To get signal for external CD/MP3
- ⑬ 【4P Signal wire】 To get signal for control panel
- ⑭ AC220V Power cord
- ⑮ 【Coloured lights Signal Line Connecting Synchronizer】

### 3.Operation instruction



#### \* Key


- |                            |                            |                   |
|----------------------------|----------------------------|-------------------|
| ① 【Temperature+】           | ⑦ 【Infrared sauna group B】 | ⑬ 【FM frequency-】 |
| ② 【Temperature-】           | ⑧ 【Colour light】           | ⑭ 【Volume+】       |
| ③ 【Time+】                  | ⑨ 【Fan】                    | ⑮ 【Volume-】       |
| ④ 【Time-】                  | ⑩ 【FM】                     | ⑯ 【Power on/off】  |
| ⑤ 【CD/MP3 input】           | ⑪ 【CD/MP3 Bluetooth】       |                   |
| ⑥ 【Infrared sauna group A】 | ⑫ 【FM frequency+】          |                   |

#### \* Display Area

- |                                 |                                   |                                   |
|---------------------------------|-----------------------------------|-----------------------------------|
| Ⓐ 【Temperature/FM】              | Ⓕ 【Volume adjust indicator light】 | Ⓙ 【Infrared sauna group B light】  |
| Ⓑ 【Temperature indicator light】 | ⓐ 【USB】                           | Ⓚ 【Automatic fan indicator light】 |
| Ⓒ 【MP3】                         | ⓑ 【Time setting indicator light】  | Ⓛ 【Fan by hand indicator light】   |
| Ⓓ 【FM tune indicator light】     | ⓓ 【Infrared sauna group A light】  | Ⓜ 【Power on/off indicator light】  |
| Ⓔ 【Volume/time】                 |                                   |                                   |

## 4.Operation instruction


### 1.Power on/off

On: Press “” the key is about 1 second to start it.

Off: Press “” power on/off key about 2 seconds to turn off.

### 2.Infrared sauna function

Press “” infrared sauna group A/B to start infrared sauna function.

Press infrared sauna key  the first time with 100% power,



Second time power 90%,  100%  
90%



Third time power 80%,  90%  
80%

Fourth time power 70%,  80%  
70%


While fifth time to close it.

### 3.Time/temperature setting

Under turn on condition, press “ ” time+ / time- , the time will be downwards or upwards 1 minute, press the key about 1 second, it will be automatically quickly adjusting. The scale of time adjusting is 01-99 minutes.

Under turn on condition, press “ ” temperature+ / temperature- , the temperature will be downwards or upwards 1°C, press the key about 1 second, it will be quickly adjusting automatically. The scale of temperature adjusting is 35~60°C. When the temperature inside reaches the set temperature, the system will adjust the power into 70%. When the temperature inside is 2°C lower than the set temperature, the system will adjust the power into 100% power.

### 4.Multi-color top lamp


Press “” color light key to adjust the color lamp by hand. It works circularly from red/green/blue/white/turn off. Top lamp is controlled by the key within 15 minutes after shut down the control panel. The control system will turn off multi-color lamp function automatically after shutting the system for 15 minutes. Once turn on power, red is acquiescence.

### 5.Fan function




Manual mode: touch the fan key “” to start fan with fan light icon. Touch it again to turn off.

Automatic mode: when the room temperature reaches the set temperature the fan will automatically open. Below the set temperature 2°C will automatically stop.


### 6.FM function

Under power on condition, press “” FM key to turn on radio. The set frequency is the frequency you turn off last time, at the same time the frequency will be shown on the display, then the MP3 will be shown on the display. Press FM key again, the radio will be turned off. The scale of frequency is 87.5-108MHz. Adjust the frequency Under radio turn on condition, press FM+/FM- to adjust the frequency. Press one time the frequency will be downwards or upwards 0.1MHz. Press FM+/FM- about 2 seconds, the system will search the frequency automatically until find a clearly frequency, and then play the frequency searched.

## 7.CD/MP3 function

7.1.Touch CD/MP3/Bluetooth“”to turn on CD/MP3/Bluetooth.When CD/MP3/Bluetooth works, touch the menu to set CD/MP3/Bluetooth display,then touch “ ”up/down key to play the next song.

7.2.Mobile bluetooth connection:


Press () and change the function to bluetooth “BT”,display will show “b T”,then the system will search the bluetooth of the mobiles, as the connection done the speakers will appear the music, the first connection have to do:



Switch on the bluetooth in mobile → switch on the bluetooth in cabins → search the bluetooth in mobile → connect → success connection







The cabins will play the music in the mobile:

Switch on the music player in mobile

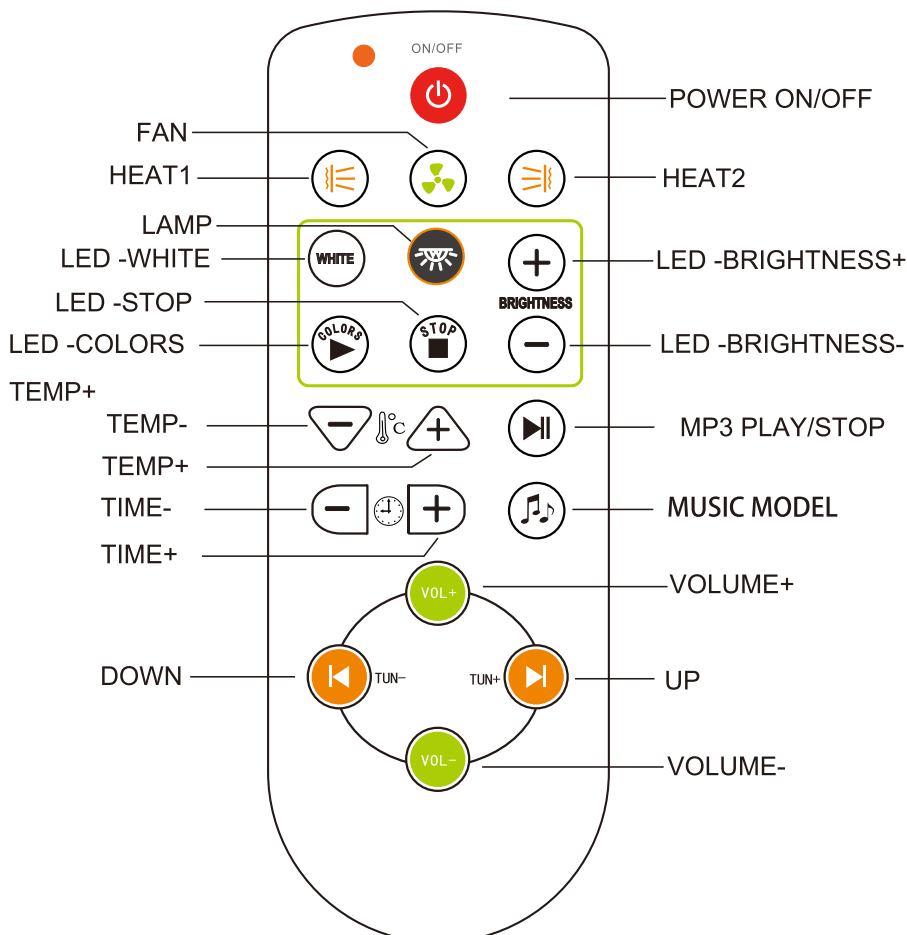
Play/pause: press () will be play or pause.

Option:short press pane () or () will be chosen the front or the next

## 8.Volume adjust

Under condition of turn on radio or CD/MP3/Bluetooth,the setted volume is 8.Press “ ”key+or key- ,the volume will be downwards or upwards "1" each time.Press “ ”key+or key-about 1 second,it will be automatically quickly adjusting.The scale of volume is 0~16.

## 9.Remote control instruction



## **10.Ozone (optional)**

Ozone function start up when power off and stop auto after 15mins.

## **5.After sales service**

### **\* Warning**

- 1.Product protective grade: IPX2. Don't use it at outdoor and humid room.
- 2.For safety,please don't change the electrical equipment.If any problem, please ask a professional and skillful person to repair it.
- 3.Please don't touch the heater surface once turning on infrared.
- 4.Pls don't use the product,If you apt to bleed,especially people who suffers heart disease, cardiovascular disease, mal ignant or with new wound.Other symptoms or patients,please use by doctor`s permission.
- 5.Any child or person with disability must use the product with the company of a normal adult.
- 6.Please don't put any thing which are easy cause fire (eg.towel ) near heaters.
- 7.Please don't use the flow water to wash the cabin.
- 8.Be sure of power off when clean the cabin, replace parts,or remove operating faults.Please turn off the power when cleaning the cabin,replacing accessory or damage parts.
- 9.External connected audio frequency should be not too strong otherwise it will burn out the system.
- 10.The power socket switch must be grounded reliably.
- 11.Please take attention to rated voltage and power supply,if not match then can't be used .Otherwise,it will burn out the controller.

### **\* Notice**

- 1.The ideal using time is 15 minutes, control system set time is 30 minutes.
- 2.The suitable temperature is 35~60°C, please adjust heater's temperature to match need.
- 3.Please put off the power plug from the socket after use.
- 4.Please make sure wires and sockets are all connected well before turning on power.
- 5.After 2 cycles` use(twice 30minutes),turn off the heater at least 30 minutes.



## ★ Remind

1. In order to extend the life of the product, it must at least 30 seconds between turn on or off.
2. Control system is still working even though turning off the heater or multi-color lamp, The best way is put off the power socket.
3. Please put child to the suitable seat to avoid infrared's shining at its head.
4. Accidental shut down, please re-start.
5. If any uncomfortable when using, please turn off the power.
6. Before using, it is better to have some soft drinks (such as fruit juices, vegetable juices or mineral water etc.) while having a bath or shower with water not too cold after using.

## ★ Maintenance

1. Please use general neutral liquid detergent to clean the product **surface** (Included bamboo wood, Composite board, plastic, aluminum, plated parts, spray pieces), but don't use strong alkaline detergents and organic solvents (such as Alcohol, Thinner, Ammonia, Acetone etc.)
2. Never wipe gilded or chrome-plated pieces with rough tool but soft cloth.
3. Use 480# woodproof abrasive paper to polish it if the wood surface is scraped or scratched.
4. Please open the door of this **cabin** or air window for airiness that can avoid mildew or peculiar smell.

## \* Troubleshooting

Problem	Reasons	Remedy
No Power	1.Poor connection of power. 2.Power failure of leakage switch. 3.Fuse off.	1.Connect well the power socket. 2.Reconnect the leakage switch. 3.Replace fuse.
No infrared	1.Up to permanent temperature , temperature detector off. 2.Heater supply plug not connect well. 3.Damage of infrared tube/board.	1.Temperature off and automatically recover. 2.Connect well the plug. 3.Replace infrared tube/board.
No sound	1.Low volume setted. 2.Speaker supply cord is loose. 3.Damage of speaker.	1.Adjust volume. 2.Connect well the supply cord. 3.Replace speaker.
No color light	1.Turn off. 2.Multicolor lamp supply cord is loose. 3.Damage of multicolor lamp.	1.Turn on color light. 2.Connect well the supply cord. 3.Replace the multicolor lamp.
No fan	1.Turn off or automatic. 2.Fan supply cord is loose. 3.Damage of fan.	1.Turn on the fan. 2.Connect well the supply cord. 3.Replace the fan.

## \* Attention



1. Keep electrical appliances out of reach from Children or infirm persons. Do not let them use the appliances without supervision.
2. Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. Contact you local government for information regarding the collection systems available.If electrical appliances are disposed of in **landfills** or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.
- 3.This appliance can be used by children aged from 8 years and above , and is not intended for use by persons (including children)with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the **appliance**.
- 4.Means for disconnection must be incorporated in the fixed wiring in accordance with the wiring rules.

5. **WARNING:** In order to avoid overheating, do not cover the heater.
6. Do not use this heater with a programmer, timer, separate remote-control system or any other device that switches the heater on automatically, since a fire risk exists if the heater is covered or positioned incorrectly.
7. The safety of your cabin was checked before dispatch. Assembling the electric components requires a specific basic knowledge and may therefore only be done by an electrician.
8. The appliance supplied through a residual current device having a rated residual operating current not exceeding 30 mA.

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