

## Preparations

### Cleaning & Maintaining

1. You can use common liquid detergent and soft cloth to clean your shower room; the detergent shouldn't contain ammonia or acetone. If there is some adhesive material of the sticky tape been left on the shower room. You can use soft cloth and dip a little gasoline to wipe it.
2. If there are some scratches on the shower room, polishing them with 1500#-2000# sandpaper, then plaster some toothpaste and use soft cloth to polish it.
3. Gold and chrome finished accessories don't need much wiping.
4. Don't clean the shower room with rough tools or detergent with chemicals solvents.
5. Don't hammer and carve the shower room with blunt object or some thing very sharp.

# Shower Enclosure

Instructions of Installation and Use

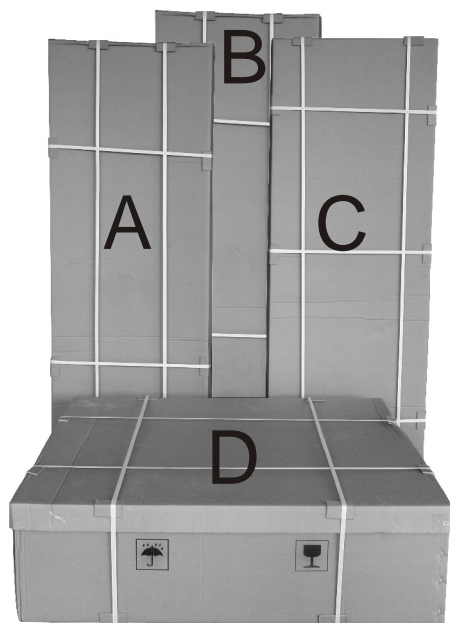


DR-RT1202

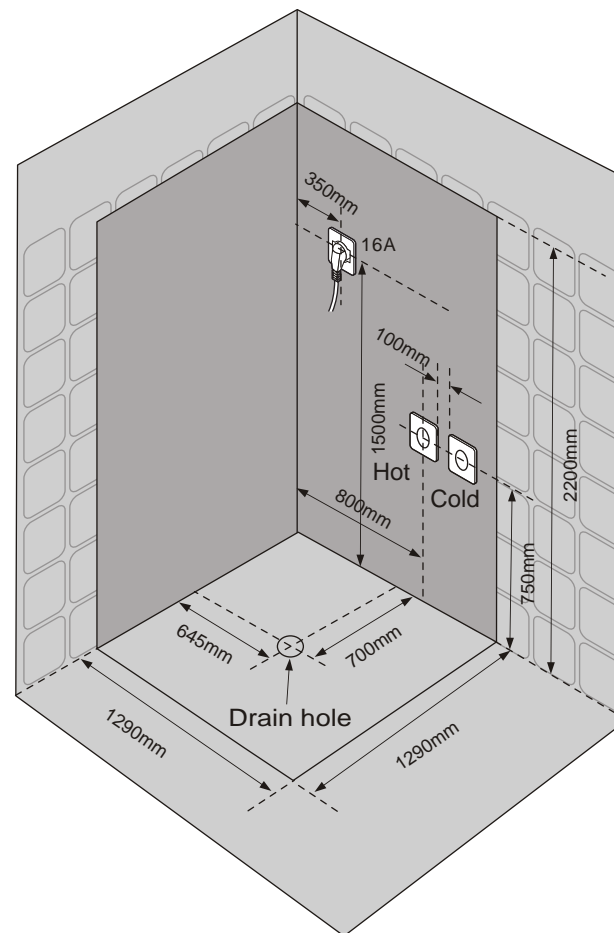
Dear Customer,  
 Thank you for choosing our product. For your safe concern, please take a few minutes to read this manual before installation and use.

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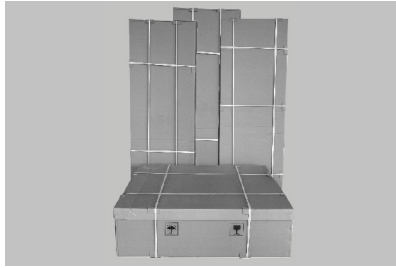


Please make sure all accessories are in the package( 4 cartons)  
 A: Side panel  
 B: Back panel  
 C: Back glass and movable glass  
 D: Tray and roof (including bamboo floor, bamboo roof, screws, handheld shower with pipe)

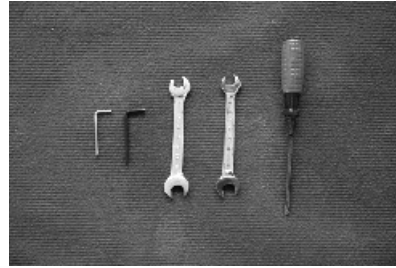


DR-RT1202: 1290mmx1290mmx2200mm

## Installation Process



1. This model divides 4 packing (as the picture shows).



2. Installation tools.



7. Adjust the tub feet, and make sure the shower tray is horizontal.



8. Put left panel and back panel upright on the tray.



3. Accessory.



4. Take out the shower tray from packing, layout it on the ground.



9. Set 2 pcs of groove iron on the connection of left panel and back panel.



10. Put the screw into the connection hole (as picture).



5. Install the drainer.



6. Put the shower tray on the flat ground.



11. Screw it.



12. Make sure the installation of left panel and back panel well.

## Installation Process



13. Install the other back panel.



14. Set 2 pcs of groove iron on the connection of 2 back panels.



19. Put the screw into the connection hole (as picture).



20. Screw the back panel connection.



15. Put the screw into the connection hole (as picture).



16. Install the other left panel.



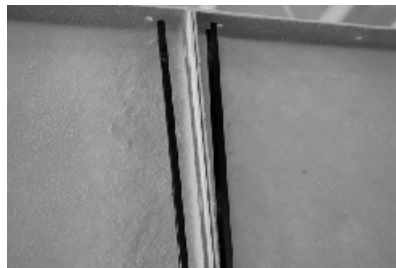
21. In stallation the pipe from faucet goes to jets.



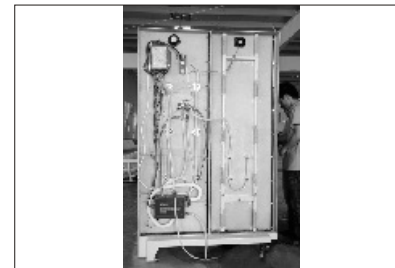
22. Screw the clip of water pipe.



17. Fit decorative bar between back panels.



18. Set 2 pcs of groove iron on the connection of 2 left panels.



23. Check the back panel installation, as the pic.



24. Check the shower, as the pic.

## Installation Process



25. Install the fixed glass.



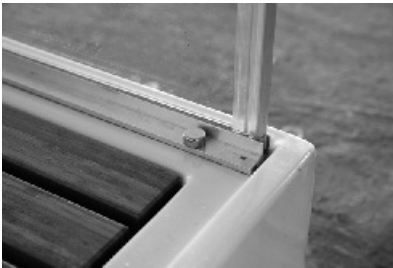
26. Screw the fixed glass to the tub tray.



31. Fit decorative bar between top roof and back panels.



32. Set screw in the connection hole of shower body and top roof.



27. Install the screw cover.



28. Screw the fixed glass to back panel.



33. Screw it by spanner.



34. Screw it down tightly.



29. Check the shower house in correct position.



30. Put the top roof on the shower body.



35. Put the decorative panel between tub tray and top roof.



36. Screw the decorative panel to tub tray.

## Installation Process



37. Screw the decorative panel to top roof.



38. Screw it down..



43. Fix the other hinge aiming at the hinge hole.



44. Screw the hinge down.



39. Check the shower body, top roof and tub tray in well connection.



40. Install the bamboo pad.



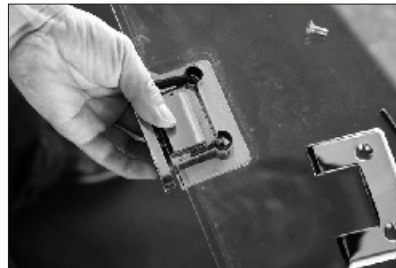
45. Install the water bar on the movable glass door.



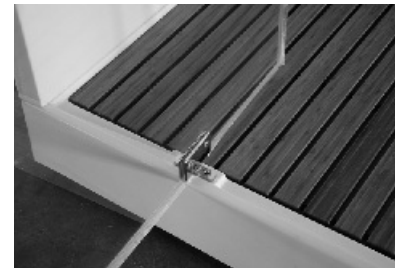
46. Be ready to install movable glass door.



41. Check the shower body, top roof, tub tray and bamboo pad in right installation.



42. Install the axis of movable door, Put the hinge on glass door.



47. Aim at the axis to the hole of tub tray.



48. Check the screw.



49. Connect the seam of handle, as the picture.



50. Screw the handle.



51. The finished shower should look the picture you see.



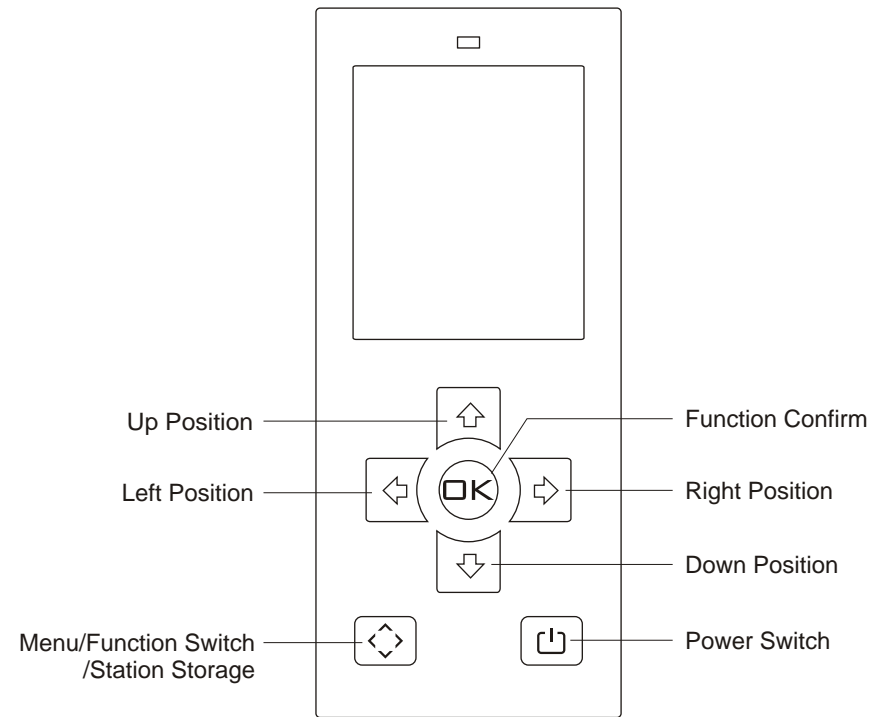
52. Make sure the accessory installed well. Paste silicon glue on connection of back panel and shower tray.



53. Make sure the accessory of back panel installed well.

Devices Controlled by the Controlling System

1. Top Lamp: AC12V/20W
2. Back Lamp: AC12V/8W
3. Ventilating Fan: DC12V/Max4W
4. Loudspeaker: 8 Ω/15W
5. Ozone Generator: AC12V/Max6W
6. Steam Generator: AC220V/3000W

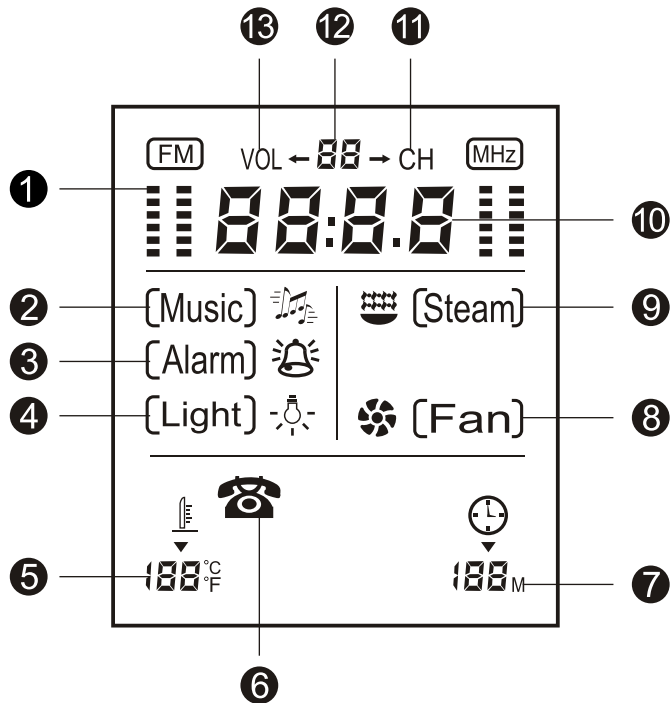


Characteristics of the Controller

1. Rated Voltage: AC220V 50Hz
2. Working Voltage: AC180V-AC248V 50Hz
3. Rated Power: 50W
4. Controllable Current: Max 23A
5. Power Consumption: <10W (all loads off)
6. Applied Ambient Temperature: +5℃~+40℃
7. Sensitivity to the Noise Limit of the Radio: 20dB/μV
8. Telephone Ringing Level: AC45V - AC55V
9. Step-down Transformer Meeting the Requirements of 1500V High Voltage Test as Specified by IEC Standard.

LCD Shows the Following Information

- |                                      |                                    |
|--------------------------------------|------------------------------------|
| 1. Frequency Hopping State           | 8. Icon and Condition of Fan       |
| 2. Icon and Condition of Radio/Audio | 9. Icon and Condition of Steam     |
| 3. Icon and Condition of Alarming    | 10. Frequency Numerical Value      |
| 4. Icon and Condition of Lamp        | 11. Station English Symbol         |
| 5. Temperature Numerical Value       | 12. Volume/station Numerical Value |
| 6. Interphone                        | 13. Volume English Symbol          |
| 7. Steam Working Time                |                                    |



Operation of Control Panel

1. When any function button works, there is a sound of di... di... .
2. Note of Icons and cursor
  - 2.1 Icons like (Music) are directing icons, all the directing icons are displaying on LCD after power on.
  - 2.2 ( ) is cursor which shows only one on LCD. Press up position, ( ) moves upward, press down position, ( ) moves downward. ( ) stands for the function is selected, press(OK) to start the function. ( ), ( ) are function icons, function icon will not display if the function was not selected by cursor; the function icon will display on LCD if cursor selected it and will blink if the function was start. Take FM function as example, if cursor select (Music), ( ) will display on the right side of (Music) that is (Music) ( ).
3. ( ) Power
  - 3.1 Press the icon to start the controller, press again to stop the controller.
4. (Fan)
  - 4.1 Move( ) to (Fan) press(OK) to start fan, (Fan) blinks on LCD; press (OK) again to stop the fan.
5. ( ) Lamp
  - 5.1 Press the power, lamp is turned on, ( ) blinks on LCD; move( ) to (Light ) press(OK) to turn off the lamp; press(OK) again to turn on the lamp:
 

Lamp is turned on → Lamp is turned off

↑ Press(OK) again ↓
6. Ozone
  - 6.1 After power off, the Ozone sterilization function automatically works and sterilizes the steaming room for 10 minutes, then it shuts off automatically then fan starts and works for 10 minutes then shut off.
7. FM digital tuning radio
  - 7.1 The FM frequency scope is 87.5MHz-108.0MHz.
  - 7.2 FM digital tuning radio/play CD program ( )
    - 7.2.1 Move( ) to (Music ), press(OK) to start FM function, ( ) on LCD blinks; press(OK) again to start CD playing, ( ) on LCD blinks; press(OK) another time to stop CD playing, ( ) on LCD stop blinks.
  - 7.3 Frequency plus
    - 7.3.1 Press the right position to increase the length of one step (the length of one step =50KHz); press this button over 2 seconds, the system searches the radio stations of larger frequencies automatically; the digital phase locked loop will lock the FM station automatically and the liquid crystal shows the frequency of this station; when it reaches to the limit of 108.0MHz, press this button again and the frequency jumps to 87.5MHz.

7.4 Frequency minus

7.4.1 Press the left position to decrease the length of one step( the length of one step =50KHz); press this button over 2 seconds, the system searches the radio stations of smaller frequencies automatically; the digital phase locked loop will lock the FM station automatically and the liquid crystal shows the frequency of this station; When it reaches to the limit of 87.5MHz, press this button again and the frequency jumps to 108.0MHz.

7.5 Volume plus(when FM or CD function is on, press( )till(VOL ← )blinks)


7.5.1 The tuning steps are 40 with each step 2 dB and the volume adjusting range shall be - 80dB-0dB.During the tuning, LCD shall flash to display the volume value and the finally adjusted value shall be the set value.


7.5.2 Press the icon right position once the volume value shall be increased by 2dB. When press the icon for more than 2s, the volume shall be increased at the speed of 10dB/s.

7.6 Volume minus(when FM function is on, press( )till VOL blinks)

7.6.1 Press the left position, the volume value shall be decreased by 2dB. When press the icon for more than 2s, the volume shall be decreased at the speed of 10dB/s.

7.7 Radio station memory/select

7.7.1 Radio station memory: When you want to save the station, press this icon( )in the LCD for over 2 seconds, the LCD shall flash( → CH )and the frequency of the station.

7.7.2 Radio station select: When FM function is on, press the icon( )channel on LCD blinks and LCD displays( → CH )then press left position, right position to select the station, LCD will display the the station position and the corresponding frequency.

8. Steam sauna

8.1 Move( )to(Steam )then press( ), ( )on LCD will blink, water intake valve opens automatically and water come into the steam generator.

8.1.1 If the water level sensor senses the water level is normal, the water input stops and the steaming function starts. The controller commands the inner temperature according to the defaults(Inner temperature is 45°C, time default is 45 minutes). It supplies water if needed.

Control rule:

Inner temperature>Default temperature+1°C; The steam generator stops heating.

Inner temperature<Default temperature-1°C, The steam generator reheats.


8.1.2 When reset the temperature and time, the controller will command the inner temperature according to the settings.

Control rule:

Inner temperature>Setting temperature+1°C, The steam generator stops heating.


Inner temperature<Setting temperature-1°C, The steam generator reheats.

8.2 Temperature adjustment

8.2.1 Press( ) till temperature numerical value on LCD blinks, the unit is( °C )(press again, the unit change to( °F ), and numerical value changed also), then press the right position or left position once, temperature will increase or decrease 1°C; if press the right position or left position for more than 2 seconds, temperature will increase or decrease in “1°C /0.5sec” ; stop press the right position or left position for 5 seconds, the last digit is the setting temperature, LCD displays the temperature.



8.2.2 Temperature setting scope: 25°C-60°C


8.3 Time setting

8.3.1 Press( )till time numerical value on LCD blinks, then press the right position or left position once, time will increase or decrease 5 minutes; if press the right position or left position for more than 2 seconds, time will increase or decrease in “1 min /0.5sec” ; stop pressing the right position or left position, the last digit is the setting time.

8.3.2 Time setting scope: 10-60 minutes.

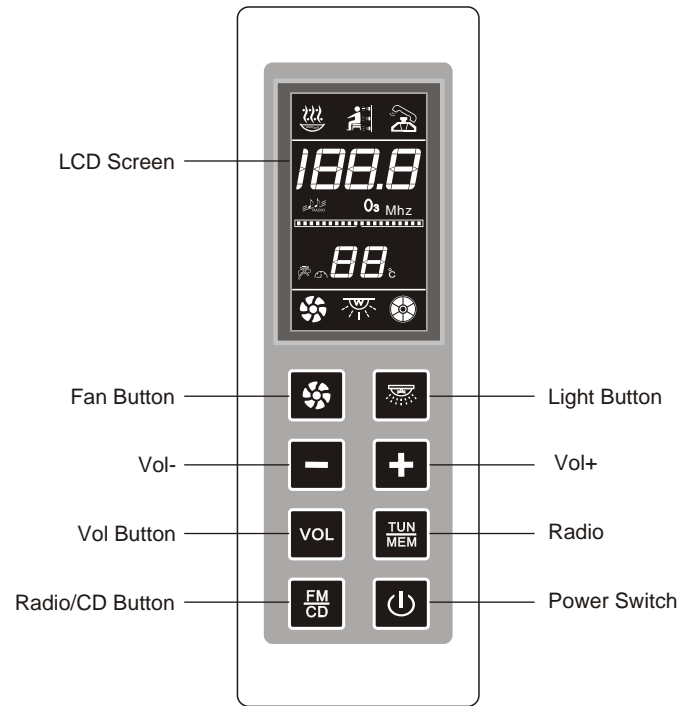
9. Alarm function

9.1 Move( )to(Alarm ), press( ), alarm function starts and rings. Press power switch button to stop the function.

9.2 If the system checks there is no operation with the control panel for a long time, ( )will move to(Alarm )automatically, in case the user will alarming for help.

10. Low voltage/overcurrent protection

10.1 When the system checks the low voltage or the over current, it will turn off the system.



### Characteristics of the Controller

Rated Voltage: AC220V-240V  
 Rated Frequency: 50HZ-60HZ  
 Rated Current: 0.2A  
 Rated Power: 40W  
 Insulation Resistance: >20MΩ  
 Waterproof Grade: IPX4

### Function Brief

1. Lighting Function
2. Fan Function
3. Radio/CD Function
4. Auto-lock Function
5. Ozonizer Function

### Operation of Control Panel

1. When it is electrified, press the button( ), systems begin to work and get into the working status, back-lights and headlight are on, LCD screen send out blue light, and display the temperature, lighting. Press the button again to stop all function.
2. Headlight  
 Press power on, headlight is turned on. If want to turn on /off the headlight, pls press the button( ).
3. Backlight  
 Press power on, backlight is turned on. If want to turn on /off the backlight, pls press the button( ).
4. Fan  
 Press the button( )to open the fun function, Fan Icon blinks on LCD, press this button again to stop fan function.
5. Sound  
 When the system is on, press ( )one time to start FM radio, LCD will show current frequency. Then press( )about 0.5 seconds to automatically search large frequency and memory the radio station. One-Click( ), and Frequency blinks, press again ( )or( )to manually search up or down, stop the blinks to auto-save the last frequency. One-click( )double times, radio frequency blinks, press( )again or ( )up or down to select channel, the channel scope is 0-19. One-click( )2rd time to start CD, LCD shows “CD” icon.
6. Volume  
 When the sound is on, click( )one time, press( )or( )to increase or decrease the volume. LCD shows the scope 0db-15db.
7. Auto-lock  
 Not any operation for one minute, system automatically locks, click one time on this button( ) to unlock it.
8. Ozone  
 After power off, the Ozone sterilization function automatically works and sterilizes the steaming room for 10 minutes.