

Users' Manual

Wellness Steam Shower Cabins (S8)

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Please read the user's manual carefully before using the product.

FCC Requirement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

SAFETY NOTES

- The power supply must be installed according to the local standard and with GFCI (Ground Fault Current Interrupter). Test the GFCI before using to confirm its security and validity.
- The earthing for electrical appliances should be connected to fixed earth wire forever.
- To avoid electric shock, replacing of power supply wire should be done by professional electrician or distributor. User should not change it by himself.
- To avoid electric shock, no extending power supply should be used. The socket should be in right position. Broken electric wire should be changed in time.
- It's forbidden to make any change, adding or cutting to the product.
- It's forbidden to use the product after drinking or taking hypnotic medicine.
- Children should use the product under custody from adults.
- Adjust the low water temperature to high water temperature slowly to avoid scald.
- Stop using the product in case user feels uncomfortable.

⦿ Parameter for Steam Cabin

Water supply:

- Water heater with tank of 300L hot water capacity is suggested
- Instant water heater is not suggested since it will affect system stability
- Water volume: > 15L/MIN
- Water pressure: 200KPa (2Bar; 0.2MPa)----600KPa (6Bar;0.6MPa)
- Hot water temperature: 40℃(104E)----80℃(176F)
- Environment temperature: 1℃(34F)----40℃(104F)

Power supply:

- Power supply must be in accordance with local requirement.
- Power supply must meet power load requirement for product.

⦿ Parameter for steam cabin

Rated Power: 3.0KW 4.5KW

Rated Voltage: Single Phase AC220V Double Phase AC240V
 Single Phase AC110V

Rated Electric Current: 16A 20A

Frequency: 60Hz 50Hz

Power Supply Location: on wall on floor

Rated Water Pressure: 0.2--0.6 MPa

Water Supply: DN15 tie-in, hot/cold water

Water Supply Location: on wall on floor

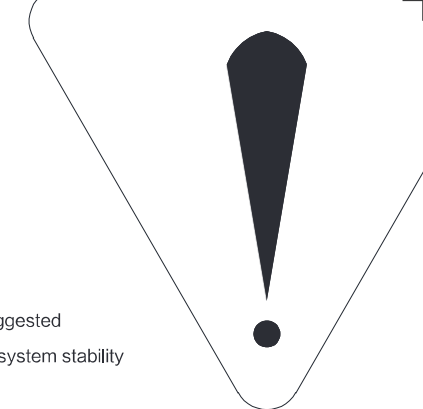
Diameter of Drainage Pipe: ϕ 50 (drainage pipe supplied with product)

Length of Drainage Pipe: 1000mm (the maximum length after stretched)

Water temperature adjusting range: cold water temperature—54℃ (129F)

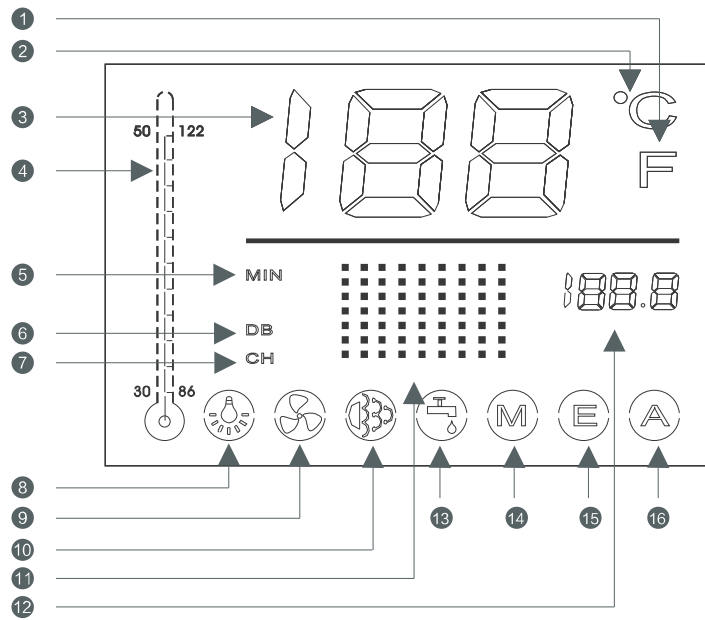
Water temperature adjusting precision: \pm 0.5℃ (1 F)

Best water temperature adjusting range: 30℃ (86F) —49℃ (120 F)



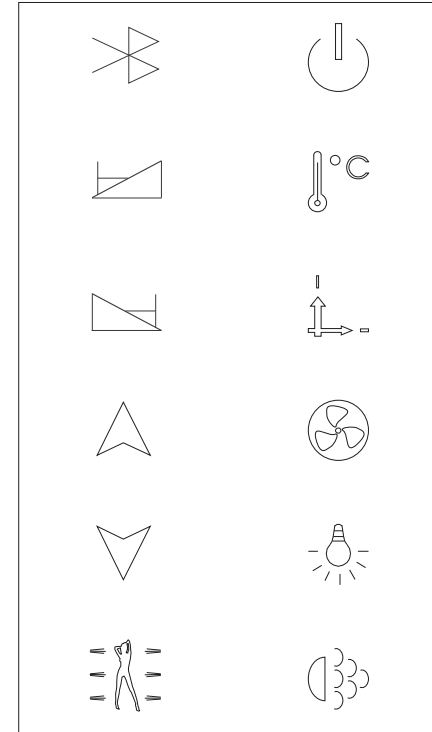
● **Parts Information**

LCD DISPLAY



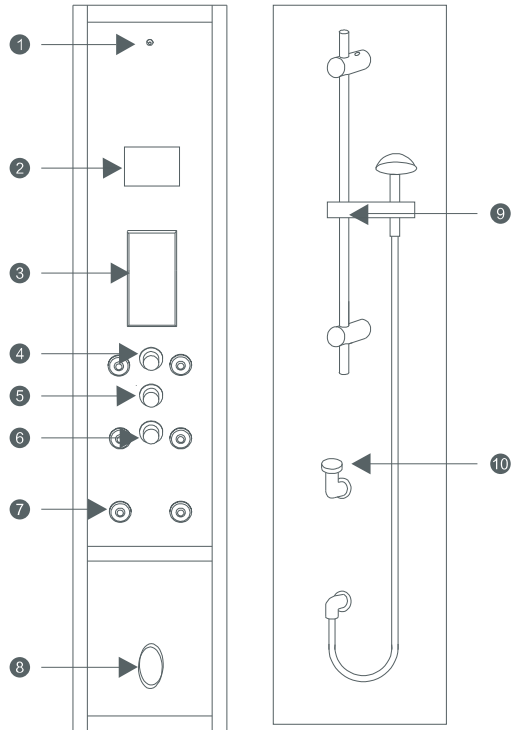
1	Fahrenheit degree	9	Ventilator on/off
2	Celsius degree	10	Steam on/off
3	Temperature	11	Water flow indication
4	Temperature indicator	12	Bluetooth on/off
5	Time setting	13	Standby for future upgrade
6	Volume	14	Shower mode indicator
7	Musical selection	15	Standby for future upgrade
8	Chromatherapy on/off	16	Scottish shower indicator

● **Control Panel for Steam Cabin**



	Power on/off		Chromatherapy		Volume-/Previous
	Steam temperature setting		Steam on/off		Adjustment +
	Steam time setting		Bluetooth		Adjustment-
	Ventilator		Volume+/Next		Shower mode

Control Parts Information for Steam Cabin



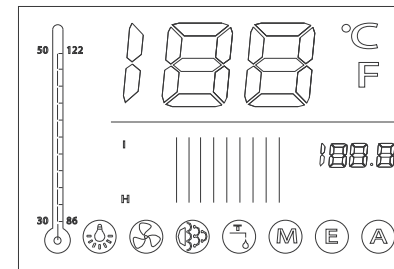
1	Steam Temperature Sensor	6	Faucet on/Off & Water Volume Control
2	LCD Display	7	Back Massage Jet
3	Control Panel	8	Steam Outlet
4	Water Diverter	9	Hand Shower Set
5	Vitamin Dispenser	10	Steam Generator Cleaning Liquid Inlet



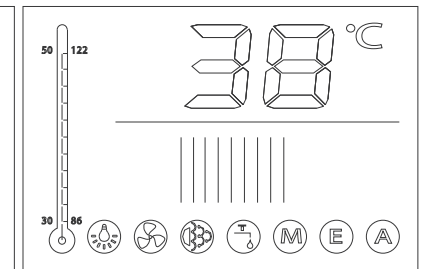
Power on/off

Power on: The system is awaiting on when this button is pushed and the LCD screen shows like (picture 1) . Push this button again to start the system and the LCD screen shows like (picture 2) . The LCD screen shows the preset temperature. The user could make any operation to the system now. The system will be shut off automatically when it reaches the set time (The default time setting is 60 minutes if the user has not set time otherwise). Turn volume control knob on and the system will be started automatically. However, it is not suggested to turn on water volume control knob before turning on control panel, because the system needs 5 seconds for initializing after water volume control knob is turned on. While initializing some functions can not be used. So it is suggested to turn on control panel first before turning on water volume control knob unless there is no need to change any setting while initializing.

Power off: Turn volume control knob off and push power on/off button. Then the system will be shut off. Please note that the system can not be shut down if volume control knob is on. The drain valve keeps on for 1 minute after the system is turned off to drain the water in steam generator and plumbing.



Picture 1




Picture 2



+adjusting/-adjusting & water temperature control

When the control panel is turned on, the display indicates the preset water temperature. Touch this button directly to increase/decrease preset water temperature.

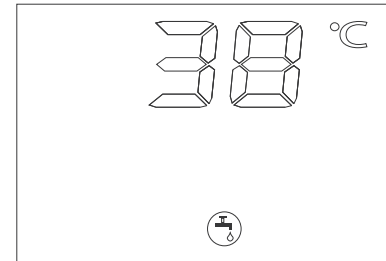
When preset water temperature increases to 38°C, preset temperature can not be increased unless steam temperature setting button is touched. Touch  button again to increase preset water temperature higher than 38°C.

When the water volume control knob is on, the system starts to adjust water temperature to preset water temperature. The display now shows the instant water temperature through faucet. Water flow indication on display moves and indicates that water is flowing. Water will not come out into the cabin at this time because the system drains out water with incorrect temperature from the piping system first. After all cold water in the piping system drains out, the system needs 5-20 seconds to adjust water temperature to the preset water temperature. Water comes out into the cabin until the water temperature reaches the range of $\pm 2.5^\circ\text{C}$ plus preset water temperature. When water comes out, the display shows the instant water temperature through faucet.

While water is out, push this button directly to increase/decrease preset water temperature.

It may happen that water will not come out into cabin a few minutes after water volume control knob is turned on. In this case there is not enough hot or cold water supply (That can be judged by the instant water temperature indicated on the display) . Please check hot/cold water supply or change the preset water temperature.

In case the temperature of water through faucet is out of range of $\pm 4^\circ\text{C}$ plus preset water temperature, the system will cut off water supply immediately and water will be drained out until the system gets the right temperature. Please note that water is still flowing as long as water flow indication is moving on the display, even though there is no water coming out into the cabin. Please make sure water volume control knob is off when nobody is using the shower. The control panel can not be shut down unless the volume control knob is turned off.

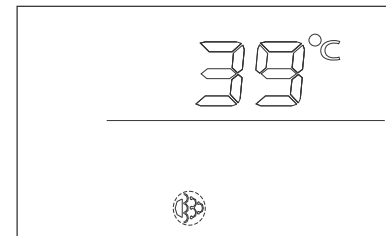


Picture 3



Steam temperature setting

Keep on pushing this button and (picture 4) shows on display. The figure of temperature is changing from 20 to 59 circularly. Loosen the button when the figure reaches the desired temperature and the figure is set as steam setting temperature. The steam generator stops working when the temperature inside steam cabin is $2^\circ\text{C}/4^\circ\text{F}$ higher than setting temperature. The steam generator starts working automatically when the temperature is $2^\circ\text{C}/4^\circ\text{F}$ lower than setting temperature. The default steam setting temperature is $45^\circ\text{C}/113^\circ\text{F}$ if the user does not make any steam temperature setting.



Picture 4



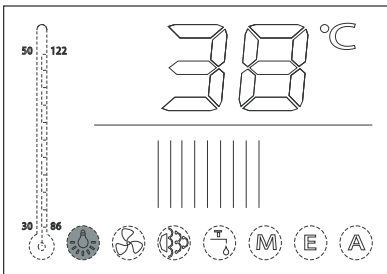
Picture 5



Steam time setting

Keep on pushing this button and (picture 5) shows on display. The figure is changing from 20—59 circularly. Loosen the button when the figure reaches the desired one and the figure is set as working time for system.

The system is automatically shut off when the working time reaches the setting time. The default working time is 45 minutes if the user does not make setting for working time of steam sauna.



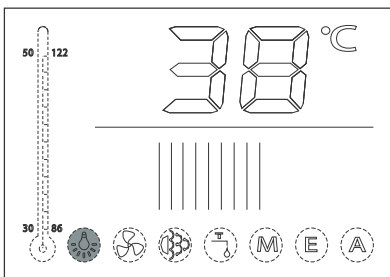
Picture 6



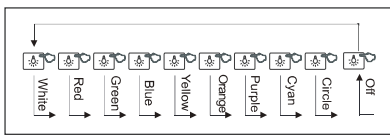
Chromatherapy

This button controls the color of chromatherapy lamps.

When chromatherapy function starts, the lamp symbol on LCD display twinkles (pictures 7) .The order of light color is as below (picture 8) .



Picture 7

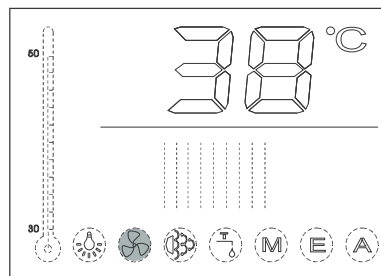


Picture 8

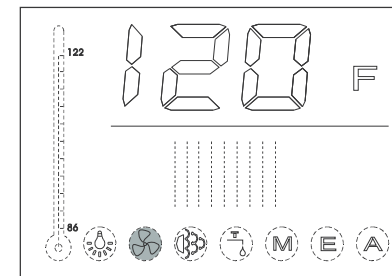


Ventilator

- This button turns ventilation on/off. When ventilation is on, the ventilation symbol on LCD display twinkles.
- Celsius/Fahrenheit Conversion.
Keep on pushing this button for at least 10 seconds to make conversion between Celsius degree and Fahrenheit degree. And the picture is changing between. (picture 9 and picture 10)



Picture 9

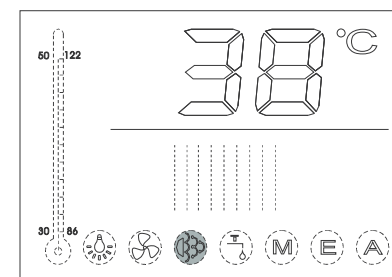


Picture 10



Steam on/off

This button turns steam on/off. Push this button, the steam symbol is twinkling on LCD display. This steam function is automatically turned off when the temperature inside steam cabin is 2°C higher than the set temperature. And the steam function will be turned on automatically when the temperature inside steam cabin is 2°C lower than the set temperature. (Picture 11)

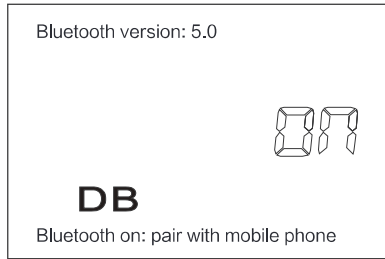


Picture 11

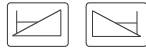


Bluetooth

Push the on/off button twice to start the system and then push this button. Then turn on the Bluetooth on the phone and pair with HW-Audio. (Picture 12)

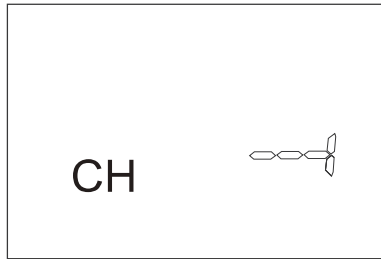


Picture 12



**Volume+/Next
Volume-/Previous**

Push these two buttons to change the music. Keep on pushing these two buttons for at least 2 seconds to adjust the volume. (Picture 13)



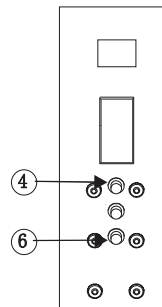
Picture 13



SHOWER MODE

Touch this button to select different shower mode. The first touch indicates the present mode. Touch mode button again to change mode setting to M1,M2,M3,M4, M0 in turn.

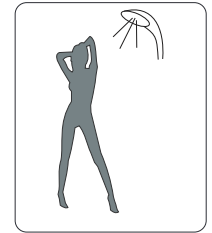
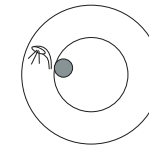
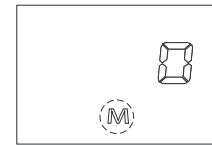
The default mode setting is M0. M0 is for use of hand shower and ceiling shower. Turn water diverter to the position of hand shower or ceiling shower to use hand shower or ceiling shower. Please turn water diverter to the position of jets to enjoy different shower mode from jets. If water diverter is at the position of jets and mode status is M0, there is no water coming out from jets. (Picture 14)



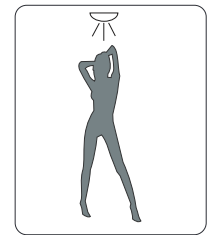
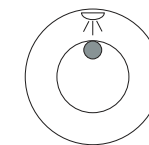
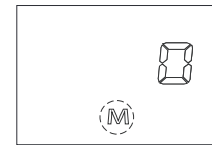
Picture 14

SHOWER MODE FOR TYPE S8A

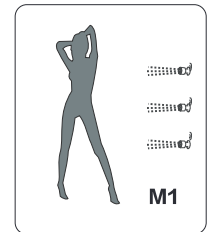
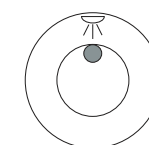
Hand Shower: select M0 as shower mode (it is default mode) and turn water diverter to HAND SHOWER



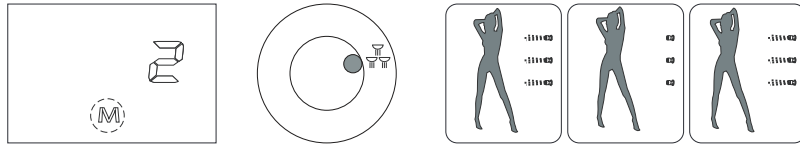
Ceiling Shower: select M0 as shower mode (it is default mode) and turn water diverter to CEILING SHOWER



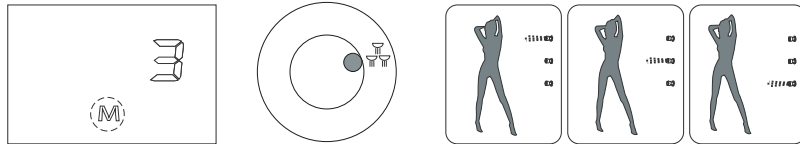
All Back Hydro-Massage Jets On Mode: select M1 as shower mode to enjoy hydro-massage from all back jets.



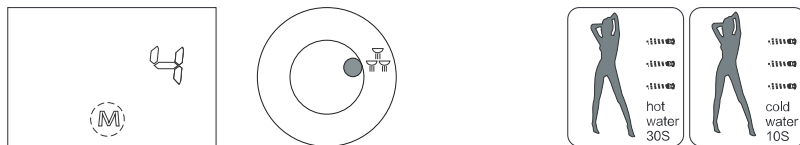
Circular Hydro-Massage Mode: select M2 as shower mode to enjoy circular hydro-massage from back jets.



Pulsating Hydro-Massage Mode: select M3 as shower mode to enjoy pulsating hydro-massage from back jets.

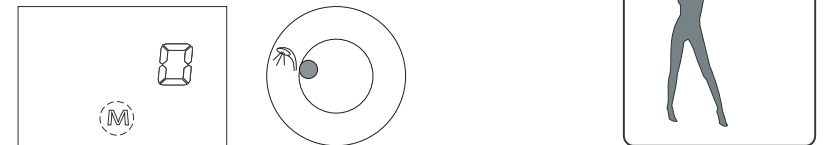


Scottish Shower Mode: select M4 as shower mode to enjoy Scottish shower. Scottish shower consists of the alternation of warm and cold water streams. Hot water stream lasts for 30 seconds and cold water lasts for 10 seconds. The system uses the preset water temperature as the temperature of hot water stream. The temperature of hot water can be adjusted through up and down button. Scottish shower stimulates the opening and closing of skin pores and increases skin elasticity. Hot water relieves muscle tension and activates blood circulation, while cold water induces contraction of the tissues. In this way, the capillaries get a good exercise. The skin circulation improves and it becomes more supple and toned.

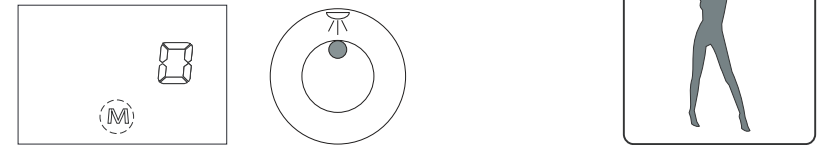


SHOWER MODE FOR TYPE S8B

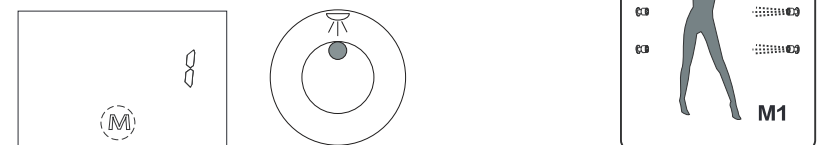
Hand Shower: select M0 as shower mode (it is default mode) and turn water diverter to HAND SHOWER



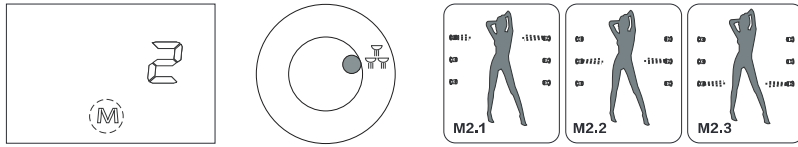
Ceiling Shower: select M0 as shower mode (it is default mode) and turn water diverter to CEILING SHOWER



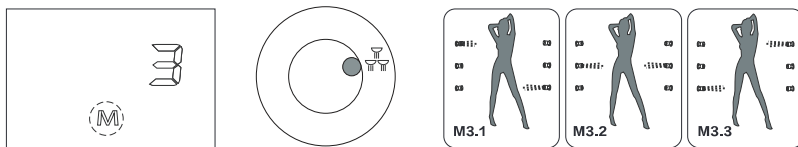
All Back Hydro-Massage Jets On Mode: select M1 as shower mode to enjoy hydro-massage from all back jets from one column.



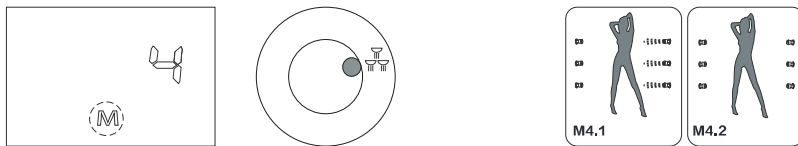
Circular Hydro-Massage Mode(1): select M2 as shower mode to enjoy circular parallel hydro-massage from back jets.



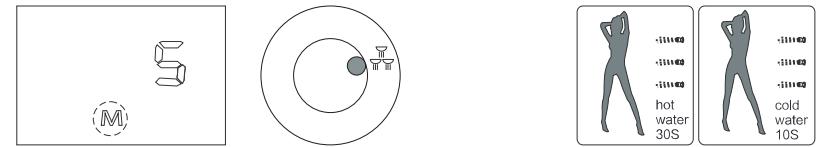
Circular Hydro-Massage Mode(2): select M3 as shower mode to enjoy circular opposite hydro-massage from back jets.



Pulsating Hydro-Massage Mode: select M4 as shower mode to enjoy pulsating hydro-massage from back jets.

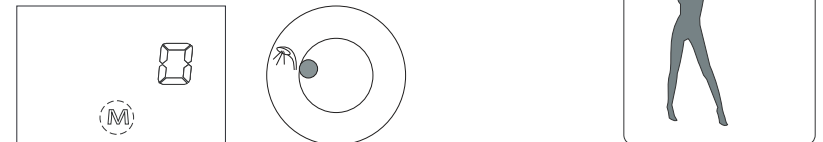


Scottish Shower Mode: select M5 as shower mode to enjoy Scottish shower. Scottish shower consists of the alternation of warm and cold water streams. Hot water stream lasts for 30 seconds and cold water lasts for 10 seconds. The system uses the preset water temperature as the temperature of hot water stream. The temperature of hot water can be adjusted through up and down button. Scottish shower stimulates the opening and closing of skin pores and increases skin elasticity. Hot water relieves muscle tension and activates blood circulation, while cold water induces contraction of the tissues. In this way, the capillaries get a good exercise. The skin circulation improves and it becomes more supple and toned.

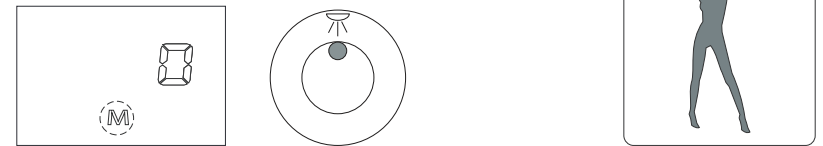


● **SHOWER MODE FOR TYPE S8C**

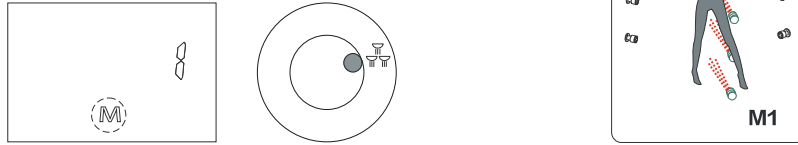
Hand Shower: select M0 as shower mode (it is default mode) and turn water diverter to HAND SHOWER



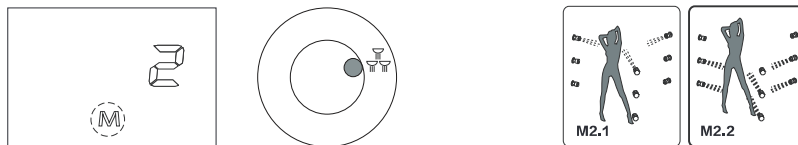
Ceiling Shower: select M0 as shower mode (it is default mode) and turn water diverter to CEILING SHOWER



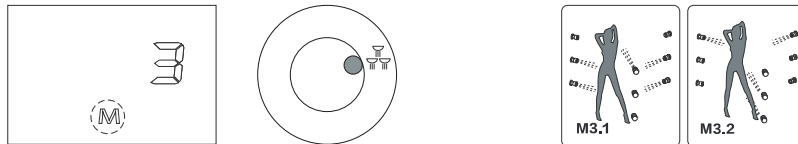
All Back Hydro-Massage Jets On Mode: select M1 hydro-massage from all back jets from one column.



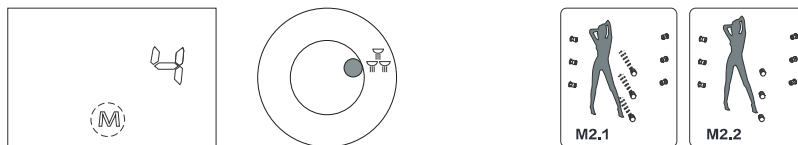
Circular Parallel Hydro-Massage Mode: select M2 as shower mode to enjoy circular parallel hydro-massage from backjets.



Circular Opposite Hydro-Massage Mode: select M3 as shower mode to enjoy circular opposite hydro-massage from back jets.

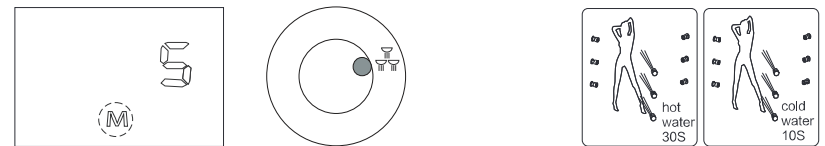


Pulsating Hydro-Massage Mode: select M4 as shower mode to enjoy pulsating hydro-massage from back jets.



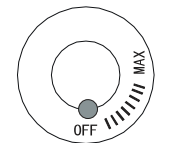
Scottish Shower Mode: select M5 as shower mode to enjoy Scottish shower. Scottish shower consists water stream lasts for 30 seconds and cold water lasts for 10 seconds.

The system uses the preset water temperature as the temperature of hot water stream. The temperature of hot water can be adjusted through up and down button. Scottish shower stimulates the opening and closing of skin pores and increases skin elasticity. Hot water relieves muscle tension and activates blood circulation, while cold water induces contraction of the tissues. In this way, the capillaries get a good exercise. The skin circulation improves and it becomes more supple and toned.



● **on/off control & water volume control**

To turn on: Turn the control knob anticlockwise to turn on the faucet and the digital thermostatic control system is turned on automatically. The default water temperature is the preset temperature for last use. Water volume becomes bigger if the diverter is turned more anticlockwise.



On/off control water volume control

To turn off: Turn the control knob to the end clockwise to turn off the faucet. The control system could not be turned off unless the faucet is turned off. The shower mode is automatically changed to M0 when the faucet is turned on again. Water will come out from jets only when shower mode is on and the diverter is turned to JET location.

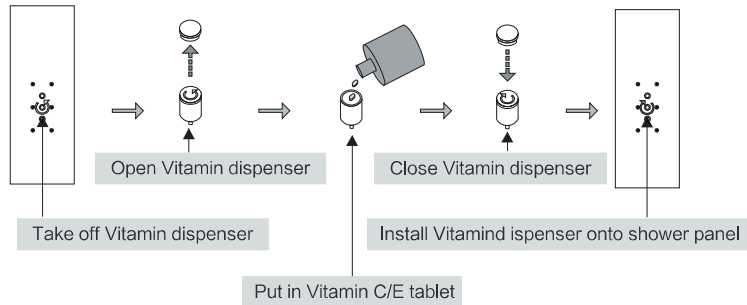
Note: The sensor must be in vertical downward location when the diverter is turned clockwise to the end. Otherwise, the system could not be turned on/off.



Vitamin dispenser

● **How to use Vitamin shower**

How to put in Vitamin

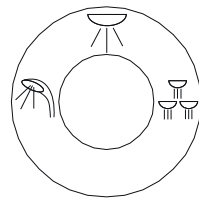


● **How to use Vitamin shower**

Vitamin C tablet could be put into Vitamin dispenser directly; Vitamin E tablets usually has gel coat which should be punctured before it's put into Vitamin dispenser; Please take out Vitamin C/E tablet if the shower is not used for a long time; Other skin care materials such as olive oil could be put into the dispenser as well.

● **How to use diverter**

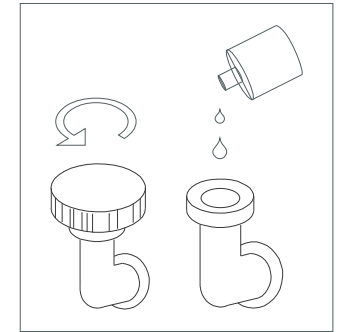
When the diverter is turned to HAND SHOWER/CEILING SHOWER location, the shower mode should be set as M0
When the diverter is turned to JET location, the shower mode could be set as M1-M5.



Diverter

● **Steam Generator Cleaning**

Remove the cover of cleaning liquid inlet and input around 1L of citric acid or acetic acid. Then start steam function to fill steam generator with water. Stop steam function before steam coming out (acid steam has causticity to plated parts. If a lot of acid steam come out, the plated parts become cloudiness after some time.) Do not shut off the control system and keep it on. The scale in the steam generator dissolves in acid liquid and the system drains the dirty water out automatically after 60 minutes. Clean the steam generator every 3 months.



● **Trouble Shooting for Steam Cabin**




TROUBLE	CAUSE	SOLUTION
Water temperature abnormal; water keeps coming out from drainage pipe	Hot/cold water inlet pipe is wrongly connected.	Connect hot/cold water inlet pipe according to mark.
	Motor/digital thermostatic mixer damaged	Replace motor or mixer
	Water pressure difference between hot/cold water is too big.	Install reductor at water supply which has too big pressure.
Steam generator keeps adding water	Preset water temperature is too high or too low compared to the temperature of hot/cold water supply.	Reset the preset water temperature.
	The water inlet electro-mag netic valve is wrong	Replace water inlet valve
	Water level sensor could not detect signal.	Clean scale on water level sensor or replace it.

TROUBLE	CAUSE	SOLUTION
Power supply is off when on/off button is pushed	There is creepage from heater	Replace heater
	There is creepage from thermal switch inside heater.	Replace thermal switch
Water leaks from valve	The seal is damaged	Change the seal
Water flow volume is low	Water supply has impurities and jammed the filter net.	Get filter net cleaned
Touch panel does not work	Communication line is short circuit or open circuit.	Check connection between control panel and power box
	The control system is wrong	Change control panel or power box
No Steam	The water supply is shut off	Turn on the water supply valve
	No water supply in this area	Use the product when water supply is normal.
	The water inlet valve cannot be turned on	Check water inlet valve and output signal from it.
	The water level sensor is wrong.	Clean scale on water level sensor or replace it.
	Thermal switch in the heater is wrong.	Change thermal switch installed inside the heater
	The heater is wrong	Change the heater
	The set temperature is lower than room temperature	Reset temperature

TROUBLE	CAUSE	SOLUTION
No water comes from hand shower or ceiling shower	The diverter is not in right location	Turn diverter to right location
	Electro-magnetic valve is loosen or damaged.	Get it connected or replaced
No water comes from jets.	The diverter is not in right location	Turn diverter to JET location and start shower mode
	Shower mode is not on	Select shower mode M1—M5
	Electro-magnetic valve is damaged	Change the valve

● Self-diagnosis function for S8 control system

S8 control system has self-diagnosis function to help to find problem during maintenance.

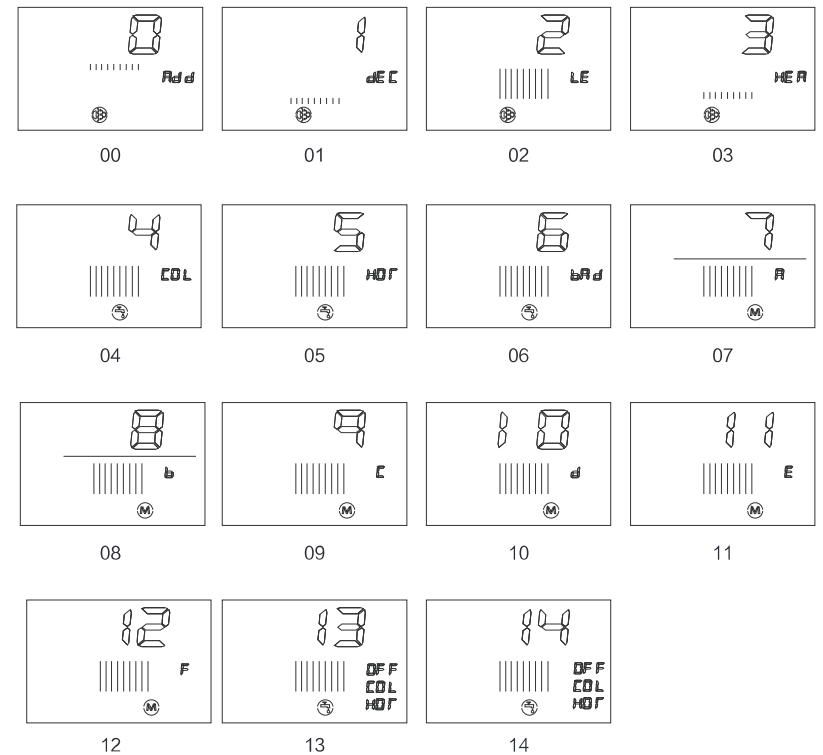
Start self-diagnosis: push  button for 10 seconds to start inspection, push  or  button to scan all function parts inside control system one by one.

There are 14 setps as follows:

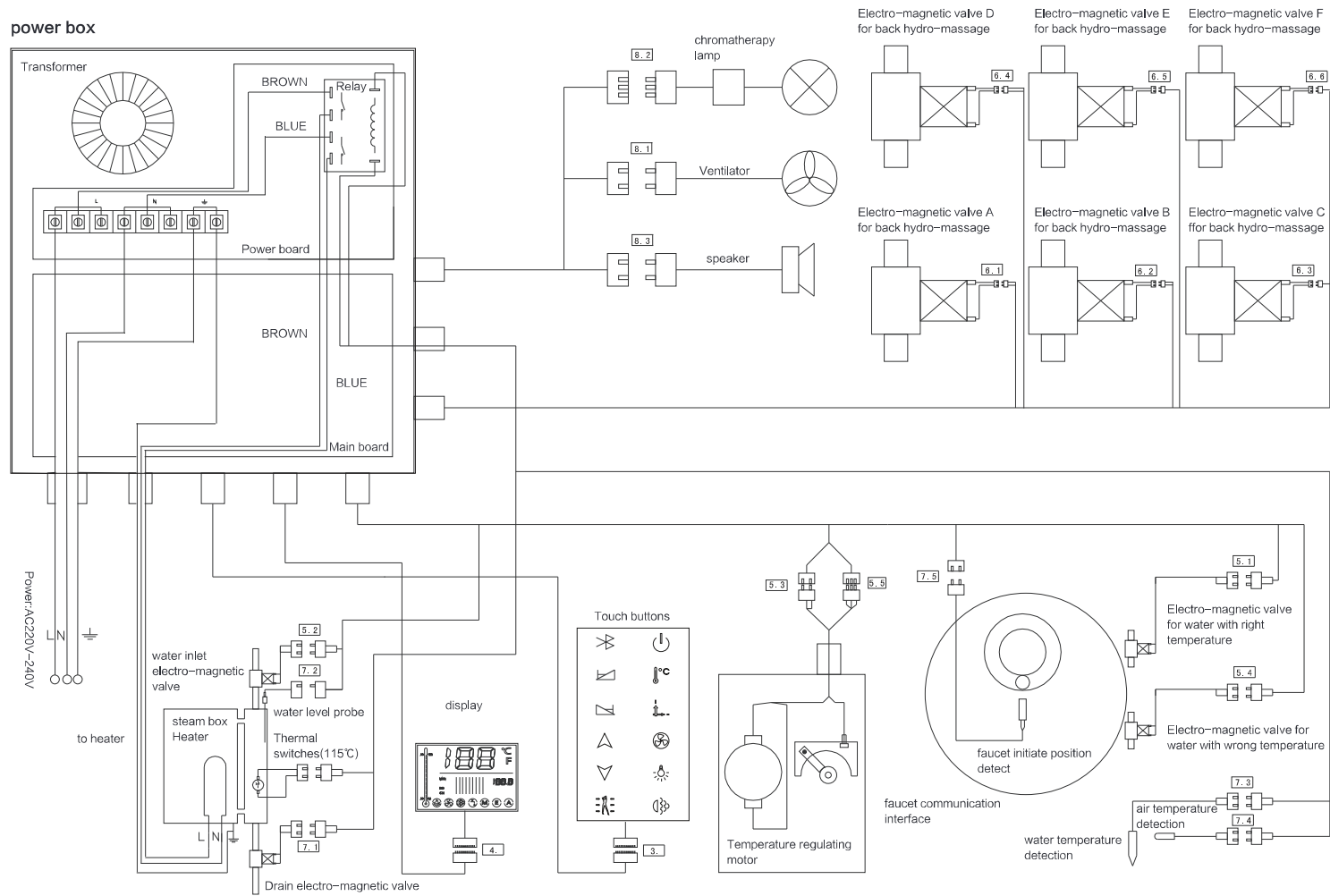
- To check whether water fills into steam box properly. In normal condition, water filling should be stopped when the water level reaches the sensor and the display should indicate as picture 00 below. Otherwise there must be something wrong with that.
- To check whether water drains from steam generator properly. In normal condition, the electro-magnetic valve should be turned on and water should drain out from steam generator. The display should indicate as picture 01 below. Otherwise there must be something wrong with that.

- To detect water level inside steam generator. This is only used by manufacturer.
- To check whether water heater inside steam generator works. In normal condition steam should come out from steam outlet after a few minutes.
- To check whether cold water plumbing is correct. In normal condition cold water should come out from hand shower or ceiling shower. If not, there must be something wrong. First please check whether cold water supply and hot water supply are connected properly. Second please check whether electro-magnetic valve for right temperature is properly connected. Last please check whether electronic mixer works properly.
- To check whether hot water plumbing is correct. In normal condition hot water should come out from the drain hose which is used to drain water with wrong temperature. If not, there must be something wrong. First please check whether cold water supply and hot water supply are connected properly. Second please check whether electro magnetic valve for wrong temperature is properly connected. Last please check whether electronic mixer works properly. This is only used by manufacturer.
- To check whether water comes out from electro-magnetic valve A. Water should come out from jets in normal condition.
- To check whether water comes out from electro-magnetic valve B. Water should come out from jets in normal condition.
- To check whether water comes out from electro-magnetic valve C. Water should come out from jets in normal condition.
- To check whether water comes out from electro-magnetic valve D. Water should come out from jets in normal condition (S8A has no such function).
- To check whether water comes out from electro-magnetic valve E. Water should come out from jets in normal condition (S8A has no such function).

- To check whether water comes out from electro-magnetic valve F. Water should come out from jets in normal condition (S8A has no such function).
- To check whether electronic mixer works. In normal condition the display indicates from "OFF", "COL" and "HOT" to "HOT", "COL" and "OFF" in turn.
- This is only used by manufacturer.
Pictures in accordance with above steps of diagnosis are as follows:



● Circuit diagram for S8 B/C



● **Circuit diagram for S8 B/C**

