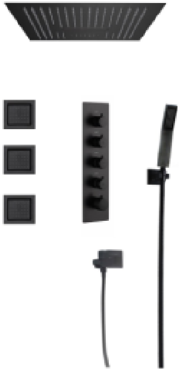
LED MUSIC THERMOSTATIC SHOWER
INSTALLATION GUIDE



B-7

✦ INSTALLATION CONDITION

1.Refer to the《Standard Part List》when unpacking , check all parts available .

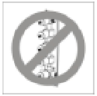
2.Do not disassemble mixer body by yourself.

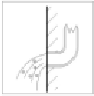
3.Connect inlet hoses to supply valves.

4.Make sure inlet pipes and supply valves have been installed and cleaned, also ensure no impurities in pipeline.

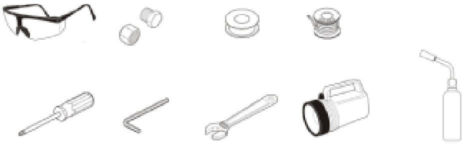
5.After installation , check all joints for leakages.

6.Suggest don't fit the faucet in the severely corrosive environments.

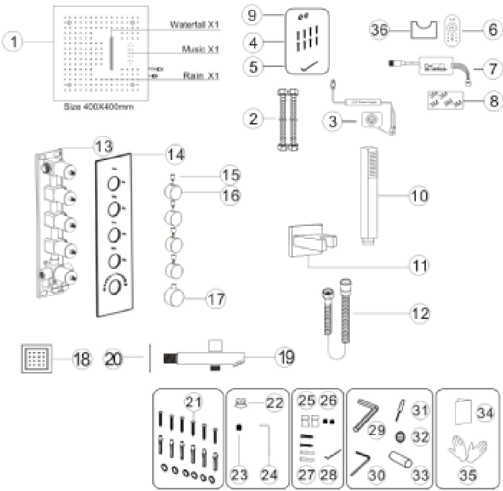




YOU MAY NEED:



PRODUCT LIST


Waterfall X1
Music X1
Rain X1
Size 400X400mm
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
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31
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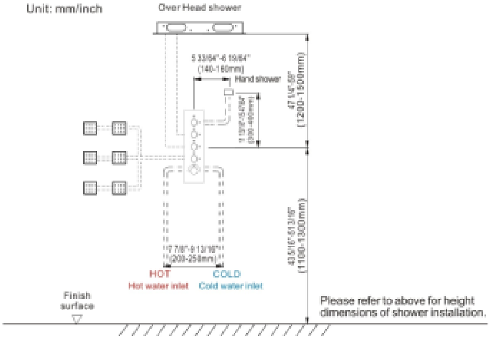
35
36

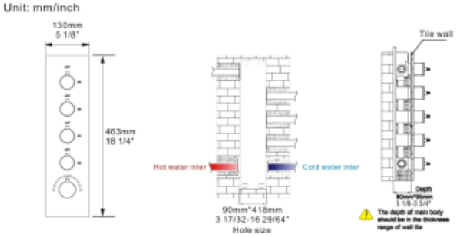
No.	Part name	Qty	No.	Part name	Qty	No.	Part name	Qty
1	Shower head body	1	13	Main body	1	25	Holder pipe	2
2	Corrugated pipe	2	14	Panel	1	26	Holder spare screw	2
3	Water proof power supply	1	15	Water diverter rod	4	27	Holder installation screw	2
4	Shower head screw	8	16	Water diverter	4	28	Holder Wrench	1
5	Shower head wrench	1	17	Handle	1	29	H10 Wrench	1
6	Controller	1	18	Body jet	3	30	H3.0 Allen key	1
7	Wifi controller	1	19	Water spout	1	31	Screw driver	1
8	Wifi controller tape	1	20	Water spout cup	1	32	Filter	3
9	Spare rubber washer	2	21	Main body gasket parts	6	33	Body jet pipe	3
10	Shower hand	1	22	Handle cup	1	34	Instruction manual	1
11	Hand shower holder	1	23	Handle screw	1	35	Gloves	2
12	Shower hose	1	24	Handle Wrench	1	36	Controller pedestal	1

INSTALLATION SHOWER SET SIZE & WATER PIPE LINE REFERENCE


Unit: mm/inch
Over Head shower
5 33/64"-6 19/64"
(140-160mm)
Hand shower
47 1/4"-59"
(1200-1500mm)
7 7/8"-9 13/16"
(200-250mm)
HOT
COLD
Hot water inlet
Cold water inlet
Finish surface
43 5/16"-51 3/16"
(1100-1300mm)

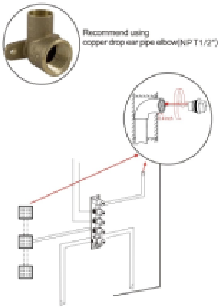
Please refer to above for height dimensions of shower installation.

INSTALLATION DEPTH OF MAIN BODY


Unit: mm/inch
130mm
5 1/8"
463mm
18 1/4"
Hot water inlet
Cold water inlet
90mm*418mm
3 17/32-16 29/64"
Hole size
Tile wall
Depth
80mm*95mm
3 1/8-3 3/4"
The depth of main body should be in the thickness range of wall tile

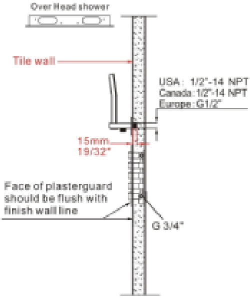
1: Including the thickness of ceramic tile is less than or equal to the thickness of valve 3 3/4"(95mm), so the thickness of tile must be calculated before installation.
2: Installation Main body depth not less than 3 1/8"(80mm)min and not more than 3 3/4" (95mm) Max. Otherwise, the panel cannot be installed.
3: The hole size of the main body after tiling is smaller than the size of the panel.

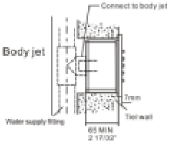
CELILING MOUNTED INSTALLATION BEFORE TILONG


Recommend using
copper drop ear pipe elbow(NPT1/2")

1:Recommend using Copper drop ear pipe elbow(NPT 1/2)
USA:1/14 NPT 2 -Canada:1/2"-14 NPT Europe:G1/2"

INSTALLATION DEPTH OF SHOWER HOLDER & BODY JET

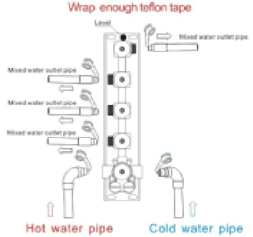

Over Head shower
Tile wall
USA: 1/2"-14 NPT
Canada: 1/2"-14 NPT
Europe: G1/2"
15mm
19/32"
Face of plasterguard should be flush with finish wall line
G 3/4"


Connect to body jet
Body jet
7mm
Tiel wall
Water supply fitting
65 MIN
2 17/32"

The installation depth of shower holder can't over 19/32"(15mm)so the thickness of tile must be calculated before installation.

MAIN BODY CONNECTING PIPE SCHEMATIC DIAGRAM

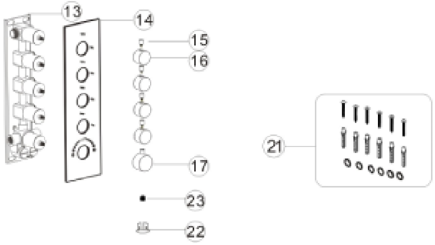
⚠ Warning: must install hot water and cold water inlet strictly as instructions.


Wrap enough teflon tape
Level
Mixed water outlet pipe
Mixed water outlet pipe
Mixed water outlet pipe
Mixed water outlet pipe
Hot water pipe
Cold water pipe

1.As shown in the figure, the inlet and outlet pipes are pre-buried,pay attention to the correct direction of installing the pre-buried main body,and make sure that the mark level on the top of the installation box is facing upward.

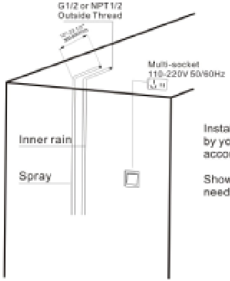
2.Install the hot and cold water inlet pipes,Shower head and hand shower holder body jet pipes. Turn on the water source to test whether the left and right inlet pipes are tightly connected without leakage.After the test,adjust the flow switch to be on to test whether the mixed outlet pipe.The connection is tight and there is no leakage.

MAIN BODY VALVE INSTALLATION


13
14
15
16
17
23
22
21

Use ㉑ Valve gasket spare parts and to fixed ⑬ Main body on the wall and then install ⑭ Panel ⑰ Hand ㉓ Hand screw and ㉒ Hand cup ⑯ Water diverter ⑮ Water diverter rod in the correct order.

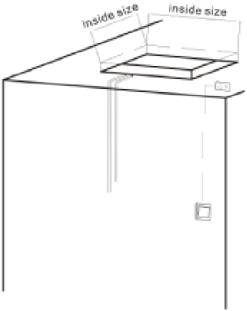
Shower head power/water pipe-layout


G1/2 or NPT1/2
Outside Thread
Multi-socket
110-220V 50/60Hz
Inner rain
Spray

Install the power switch in the appropriate position by yourself Water pipes should be arranged according to the showerhead function

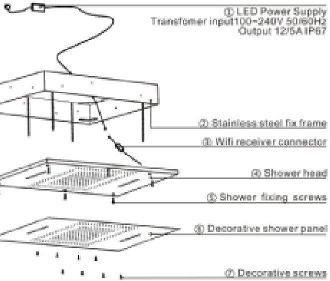
Shower head, two inlet pipes
need to be laid out, Waterfall and Inner rain;

Shower head holes on ceiling


inside size
inside size

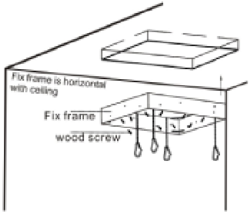
Shower head
Shower hole inside size 385x385mm
15 5/32""15 5/32"

Shower head intelligent exploded view

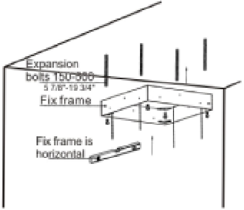

① LED Power Supply
Transfomer input100~240V 50/60Hz
Output 12/5A IP67
② Stainless steel fix frame
③ Wifi receiver connector
④ Shower head
⑤ Shower fixing screws
⑥ Decorative shower panel
⑦ Decorative screws

Respectively to unscrew ⑦Decorative screws, separate ⑥Decorative shower panel and ④Shower head; Respectively to unscrew ⑤Shower fixing screws, separate ④Shower head and②Stainless steel fix frame.

Shower head installation fixed frame A:

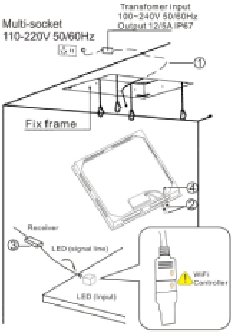

Fix frame is horizontal with ceiling
Fix frame
wood screw

Shower head installation fixed frame B:


Expansion bolts 150-500
5 7/8"-19 3/4"
Fix frame
Fix frame is horizontal

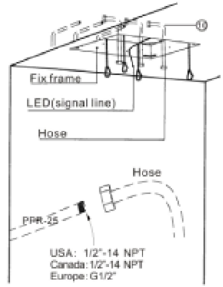
There are two methods to fix ②Stainless steel fix frame.
A: Use screws to fix directly;
B: Use of expansion bolts150-500mm5 7/8"-19 3/4".

Layout for power


Transfomer input
100~240V 50/60Hz
Output 12/5A IP67
Multi-socket
110-220V 50/60Hz
①
Fix frame
④
②
Receiver
③
LED (signal line)
LED (input)
WiFi
Controller

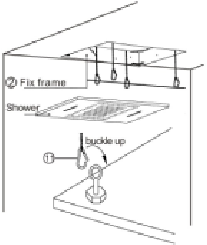
Connect①LED Power Supply with ③WiFi Receiver Connector and②Showe Music Connector respectively; The Showe music connector has two connectors. If you have only one music, only one needs to be connected and the other one does not need to be connected. Finally, connect the male connector of ③ WiFi receiver with the female connector of ④Shower head LED input. (Attention: the male connector is matched to the female connector each other, do not connect wrongly, otherwise it will cause damage to the receiver).

Layout for water pipe


⑥
Fix frame
LED(signal line)
Hose
Hose
PPR-25
USA: 1/2"-14 NPT
Canada: 1/2"-14 NPT
Europe: G1/2"

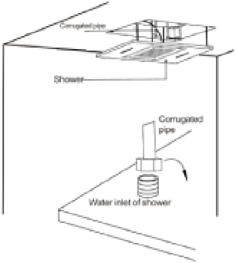
Connect one end of the three⑥corrugated pipes with the embedded PPR water pipe respectively, the other end connect with the three water

Install Shower

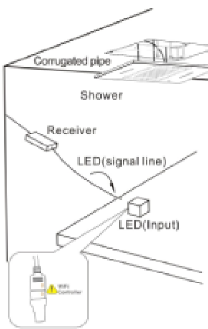

② Fix frame
Shower
buckle up
①

Hook①Wires with a hook on ②Stainless steel fix frame, used to assist in easy installation of showerhead;

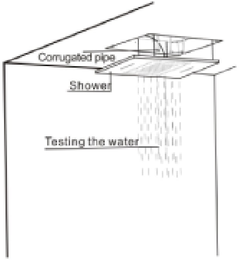
Connect the water inlet pipe


Corrugated pipe
Shower
Corrugated
pipe
Water inlet of shower

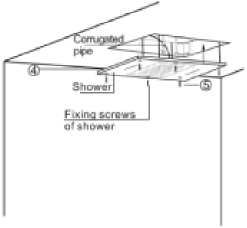
Connect LED(signal line)


Corrugated pipe
Shower
Receiver
LED(signal line)
LED(Input)
WiFi
Controller

Testing the water

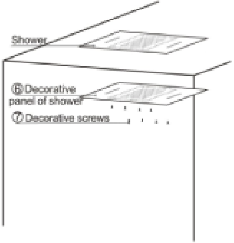

Corrugated pipe
Shower
Testing the water

Shower installation


Corrugated
pipe
④
Shower
⑤
Fixing screws
of shower

⑤Shower fixing screws are fitted with④ Shower head.

Fix the decorative panel of shower


Shower
⑥Decorative
panel of shower
⑦Decorative screws

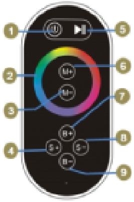
⑦Decorative screws are fitted with⑥ Decorative shower panel.

Touch remote use instruction:

Main parameter:
Panel controller:
Working Temp.:-20~60
Supply Voltage:DC12-24V
Size:L50*W35*H23mm
1 15/16"*1 6/16"*14/16"
Output:3Channel
Output Current:<2A(each channel)
Connection mode:common anode
Touch Remote:
Working voltage:1.5V*3V
Emission current:10mA
Working Current:300uA
Standby Current:3uA
Standby time:6 mouths
Control distanceL20M
Color pulley point:60

CONTROLLER
CE RoHS
M+
M-
B+
S+
S-
B-

1.Touch remote have 64 touch key,each keys function below:


1
2
3
4
5
6
7
8
9
M+
M-
B+
S+
S-
B-

① Turn ON/OFF
⑤ Mode Switch
② Color Touch Ring
③/⑥ Color Temperature adjusting
④/⑧ Dynamic Speed adjusting
⑦/⑨ Dynamic Brightness adjusting

Pause:on the dynamic mode,you can make the controller to stop the current state now.

2.Power supply management:
Stop to use the remote more than 20s,the remote will enter the stand by state(untouchable state): slightly shake once,then the remote will come back to the normal working state(touchable state)

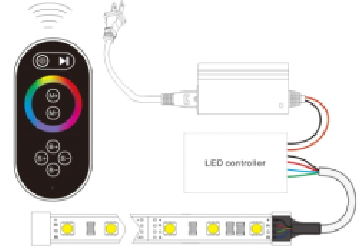
3.Indicator light instrction:
Slightly shake once,then the remote will come back to the normal working state(touchable state)
3.1.The remote is idle or sent signal when the PWR bright,PWR is off,then means the remote is in standby state;
3.2.RF is bright,that means remte is senting signal.off means there is no signal sending

User Manual

Mode:

NO.	FUNCTION	REMOTE
1	Static red	Brightness is adjustable Speed is unadjustable
2	Static green	
3	Static blue	
4	Static purple	
5	Static blue-green	
6	Static yellow	
7	Static white	
8	R G B Jumping	Brightness is adjustable Speed is adjustable
9	R G B Gradual	
10	7-Colors Jumping	
11	7-Colors Gradual	

Controller connections shown:

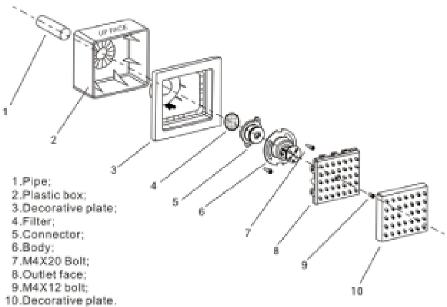

M+
M-
B+
S+
S-
B-
LED controller

Remarks:

1.This product should be commissioned and installed by qualified personnel.
2.This product can not be waterproof,need to avoid sun and rain,if installed outdoors, please use waterproof box.
3.Good heat dissipation conditions will extend the life of the LED controller,please install the product in a well-ventilated environment.
4.Please do not install or use such products in lightning,thunder,strong magnetic or high voltage applications.
5.Please check whether the output voltage of the LED power supply used meets the product voltage range requirements.
6.The diameter of the wire used must be sufficient to load the connected LED luminaire,and ensure that the wiring is firm,to avoid the wire overheating or poor contact triggers the accident.
7.Before power-on debugging,ensure that all wiring is correct to avoid damage to the luminaire due to wiring errors.

Body jet Installation Instruction

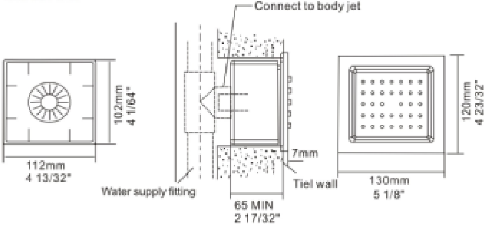
See the exploded drawing below:


UP FACE
1
2
3
4
5
6
7
8
9
10

1.Pipe;
2.Plastic box;
3.Decorative plate;
4.Filter;
5.Connector;
6.Body;
7.M4X20 Bolt;
8.Outlet face;
9.M4X12 bolt;
10.Decorative plate.

See the dimension drawing below:

Unit: mm/inch


Connect to body jet
102mm
4 1/64"
112mm
4 13/32"
Water supply fitting
7mm
Tiel wall
65 MIN
2 17/32"
130mm
5 1/8"
120mm
4 23/32"

See the installation steps as follows:

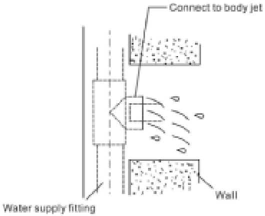
1 Preparation.

Before installation, you should pay attention to the three points as follow:

1.1 Check the new product for damage, if the product is suffered, please contact us;

1.2 Check the accessories whether complete in the packing;

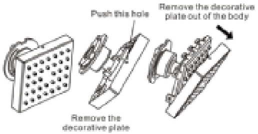
1.3 Flush the water supply fittings;


Connect to body jet
Wall
Water supply fitting

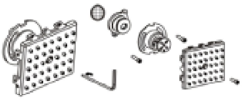
2 Installation

2.1 The new product is a combination before leaving the manufactuer, please disconnect the product before your installation as the illustrations below:

2.1.1


Push this hole
Remove the decorative plate out of the body
Remove the decorative plate

2.1.2



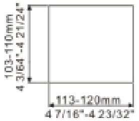
Remove the M4X12 screw and the outlet face

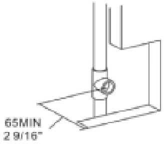
Remove the M4X20 screw and the connector body

2.2 Please see the installation illustrations below:

2.2.1

Unit: mm/inch

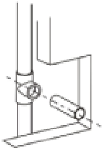

103-110mm
4 3/64"-4 21/24"
113-120mm
4 7/16"-4 23/32"

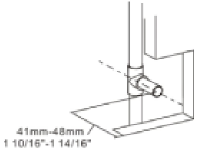


Notice: The distance between the water supply system and the finished wall be at least 65 mm.

2.2.2

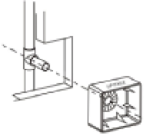
Reference the size to drill the wall as above




41mm-48mm
1 10/16"-1 14/16"

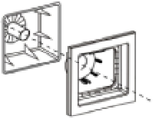
- Screw the pipe to the water supply fittings;
- The distance between end point of the pipe and finished wall shall be 41 mm (1 10/16"-1 14/16")to 48 mm(1 10/16"-1 14/16"), cut off the longest part;
- Then take off the pipe, screw the sealant tape to the pipe, screw to water supply fittings again;
- Turn on the water supply system to flush the pipe;
- Close the water supply system.

2.2.3



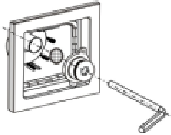
- Push the plastic box into the wall
- Make sure the one side which mark with "UP FACE" in the plastic box is in the top position.

2.2.4



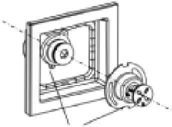
- Install the decorative plate assembly into the plastic box
- Make sure the position is correct.

2.2.5



- Screw the connector into the pipe with H10wrench;
- Push the filter inside connector for seal and no need sealant tape;
- Be careful of the decorative plate assembly are not tighten.

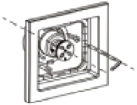
2.2.6



Make sure the body connect to the connector is complete

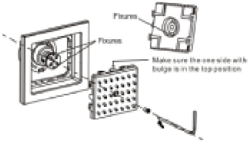
- Install the body assembly to the connector;
- When finish installation,please check their connection is complete.

2.2.7



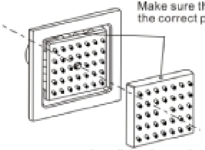
- Screw the M4X20 bolt into the body by Allen key;
- Make sure the body and the connector are tighten;
- Make sure the decorative plate is not move.

2.2.8


Fixures
Fixures
Make sure the one side with bulge is in the top position

- Install the outlet face assembly to the body;
- Make sure the connection of body and outlet face assembly are complete;
- Screw the M4X12 bolt through the outlet face into the body,don't use excess force or else the outlet face will be damage.

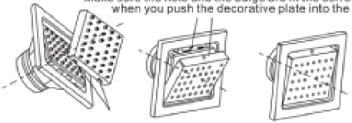
2.2.9



Make sure the hole and the bulge are in the correct position.

Install the decorative plate

2.2.10

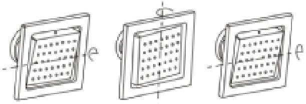


Make sure the hole and the bulge are in the correct position when you push the decorative plate into the body

This side is in the bottom position when push the decorative plate into the outlet face.
Screw the outlet face a little angle;
Make the decorative plate have a little angle too when push it into the outlet face;
Adjust the outlet face when push the decorative plate in order to put it out of the decorative plate.

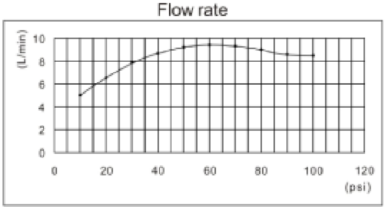
Function

1:Product can adjust the angle position as below:



2:0.5 bar is the product minimal supply pressure, for the best shower effect, you had better to use above 1.0 bar supply pressure.

3:Flow rate illustration.

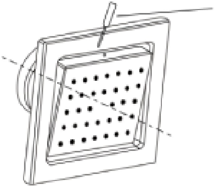


Maintenance and Cleaning:

1:The product will be dinginess inside of the body when you use it daily, So we advice you to clean as follow:

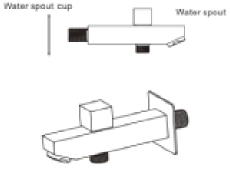
Protect the decorative plate coating When remove it

Use screw driver to remove

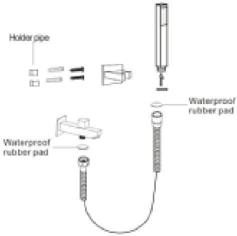


- Make the decorative plate have a little angle when remove it;
- Use screw driver to remove the decorative plate;
- Reference to the illustration 1 to help you remove it smoothly.

Shower holder & spout installation


Water spout cup
Water spout

Install the decorative cover under the water spout, and then tighten it into the wall using the waterproof tape.


Holder pipe
Waterproof rubber pad
Waterproof rubber pad

Step1.Using anchors to screw the holder pipe to the wall firstly
Step2.Remove two screws on the shower seat
Step3.Insert the shower seat into the copper fittings that have been installed on the wall and then fix the shower seat with 2 screws

Care and Maintenance

In order to keep the mixer surface bright , please clean the mixer regularly.

Rinse faucet with clean water and wipe with soft cotton cloth.

Polishing Powder
Cleaning Powder

Avoid suing cleaning powder , harsh cleaning chemicals, brushes,and cloth with coarse surface to prevent scratching and corrosion.

Do not use acid cleaner to clean the faucet as it may cause surface corrosion of the faucet. If the faucet comes into contact with harmful acid substances, please rinse it with water immediately.

If a large-scale clean-up is necessary, follow these procedures:

1:Use clean water and soft cloth to remove dirt on the surface as much as possible.

2:Use one of the following cleaners to remove dirt on the surface

Mild liquid cleaner.

Colorless glass cleaner, powder cleaner which does not have abrasive function and can be dissolved completely.

Polish liquid which does not abrasive function.

3:After cleaning, remove the cleansing agent with clean water completely and wipe with soft cotton cloth.