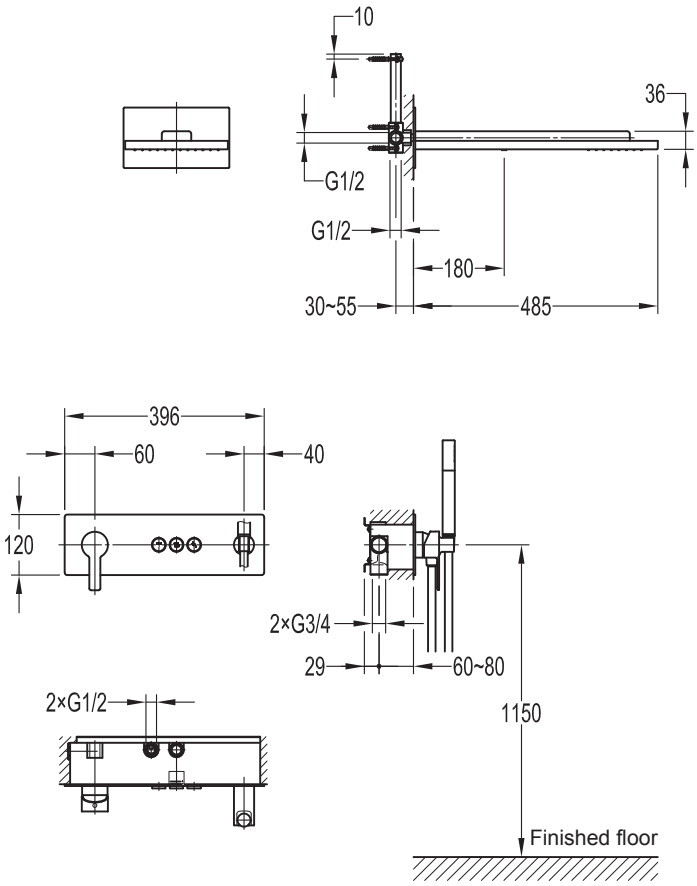
INSTRUCTION MANUAL

BS03972001

III. Installation Diagram



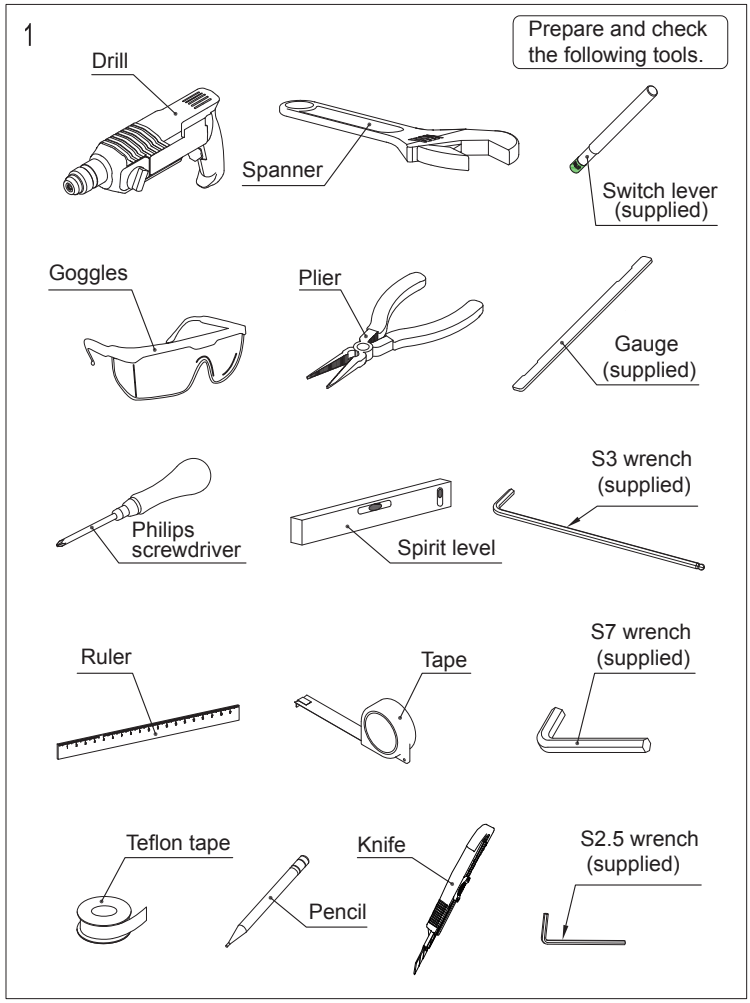
I. Installation Notice

1. Install water pipes in accordance with this manual. Floor drain should be installed on the site.
2. All the components except mixer body should be installed only after the completion of house interior decoration in case paint or other chemicals erode the mixer surface.
3. Clean pipes to get rid of mud, sand or other debris blocked in pipes before installation.
4. If the thread does not match well with the water pipe, please find out the reason first; otherwise a forced connection will damage the faucet.
5. After installation, check all the joints to ensure they are firmly connected. Turn on and off the water repeatedly to ensure there is no leakage around the joints. After that, the product is ready for normal use. Hand the manual to users.

II. Operation Notice

1. The product is used under water pressure 0.2~1.0 MPa, water temperature 4~90°C. Main valve should be equipped with a filter.
2. To avoid using the faucet as hand rail, a separate hand rail must be installed if needed. Also, do not hang heavy things on the mixer.
3. Make sure the faucet is off when no water comes out of it, especially when nobody resides in or during the period of decoration or suspension of water.
4. Regularly clean the surface of faucet to keep it bright. Attention: Do not use inappropriate tools such as sharp brushes, rough sponges, scouring pads or corrosive detergent to clean the faucet. It is not recommended to use the detergent sold in the market, because its formula changes frequently. Please clean the faucet with wet cloth and soapy water after usage. Then rinse the soap off with clean water and dry with a soft cotton cloth.
5. Residues of shampoo, shower gel, hair dye, perfume, shaving water, nail polish, toothpaste and other substances may cause damage to the product. Please carefully rinse residues with clean water after use. Also, do not store detergents and chemicals under the product, such place as vanity cabinet of washbasin; otherwise volatile gases will damage the product.
6. When indoor temperature drops below 0°C, take necessary measures (keep the product warm, close windows) to prevent the product from frost cracking (especially when windows open for air ventilation while nobody in the house).
7. Adjust the temperature before use to avoid scald.
8. Sensitive parts of the body, such as eyes, must be kept out of water flows from shower head and sufficient distance between shower head and human head is needed.
9. Children, adults with mental disorders should not be allowed to use the shower system without supervision, nor should people affected by alcohol or drugs.
10. Do not disassemble the product without help from the professionals.

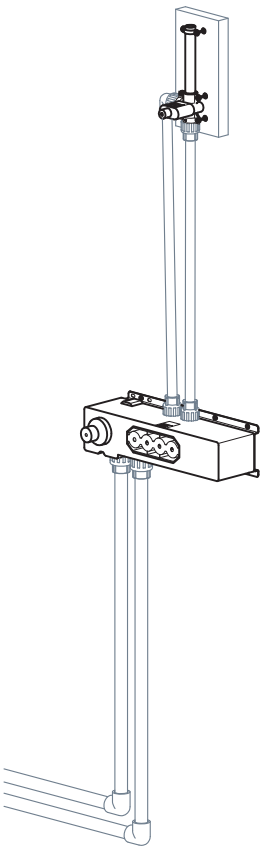
IV. Installation Steps(Fig.1-46): * The installation diagram is only for reference. The product is subject to the real object.



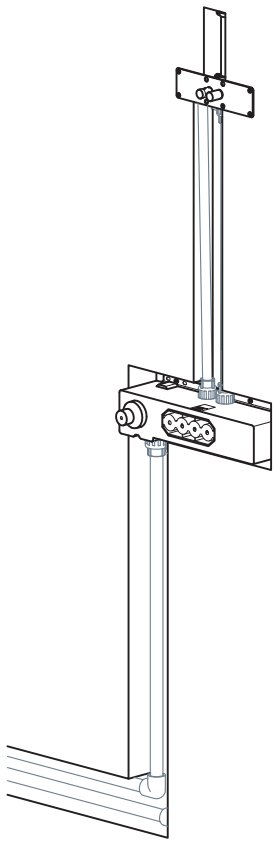
2

This manual offers two installation methods subjected to wall structure.

Method 1: Install directly on walls. (Diagram 3-15, Diagram 31-46)

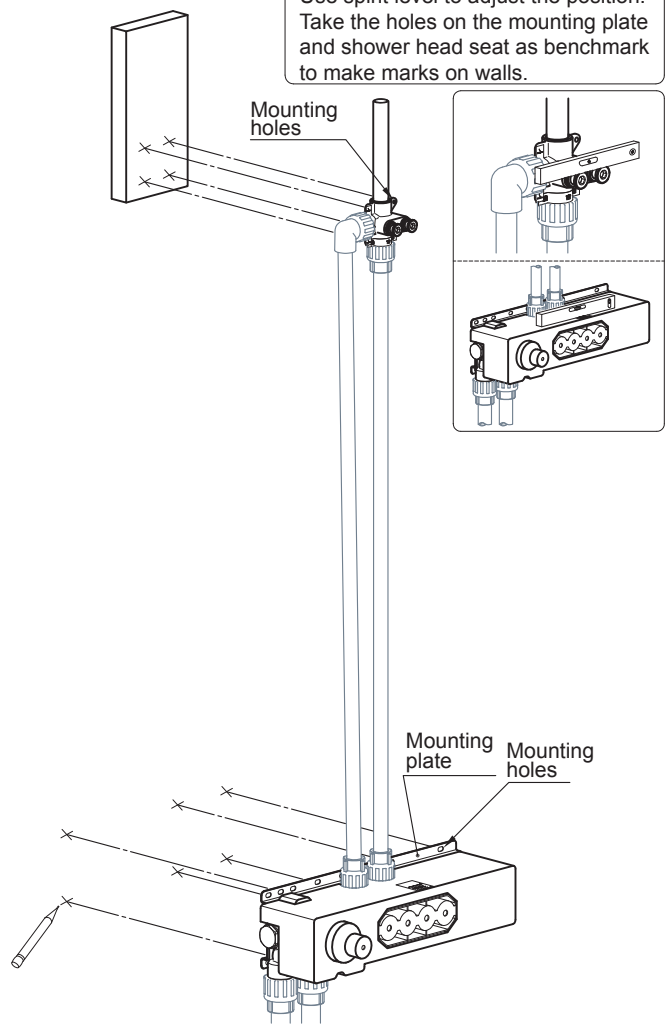


Method 2: Cut slots in the wall to fit in the product and pipes. (Diagram 16-46)



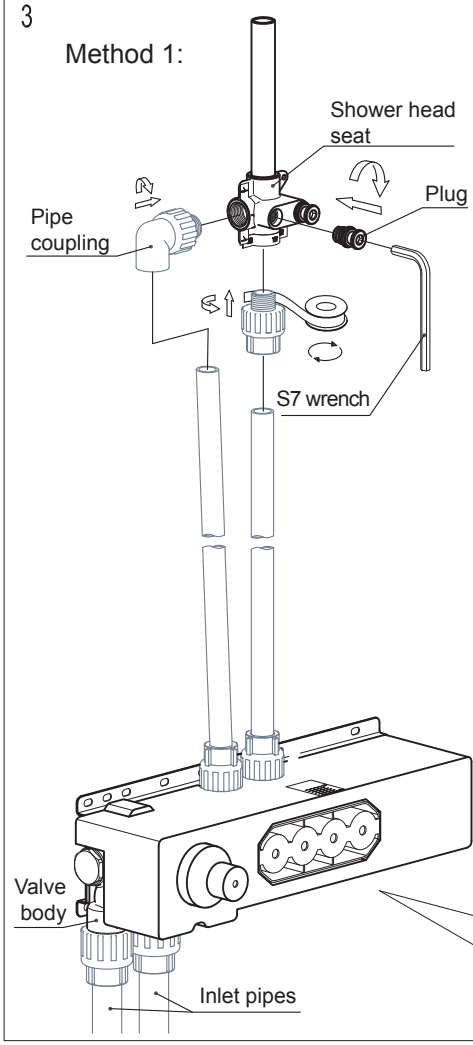
4

Use spirit level to adjust the position. Take the holes on the mounting plate and shower head seat as benchmark to make marks on walls.

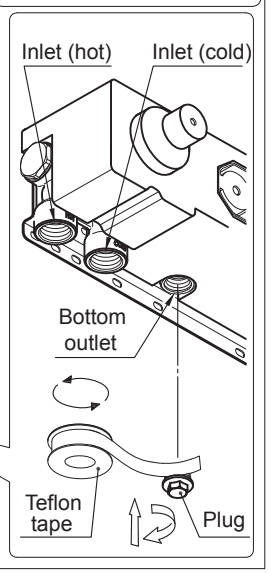


3

Method 1:

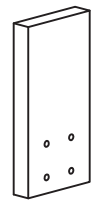


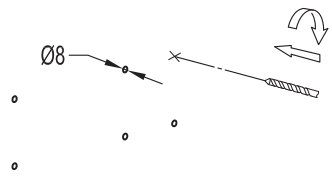
Screw the plug into the shower head seat. Wrap the plug with teflon tape and connect it to the pipe coupling. Then plan the installation position of valve body and shower head according to the height of bathroom. Connect valve body and shower head seat with proper distance in between. Connect inlet pipes of proper length to the inlet connectors. (If the downward outlet of the valve body is not blocked, please use the plug wrapped with telfon tape to block the outlet).



5

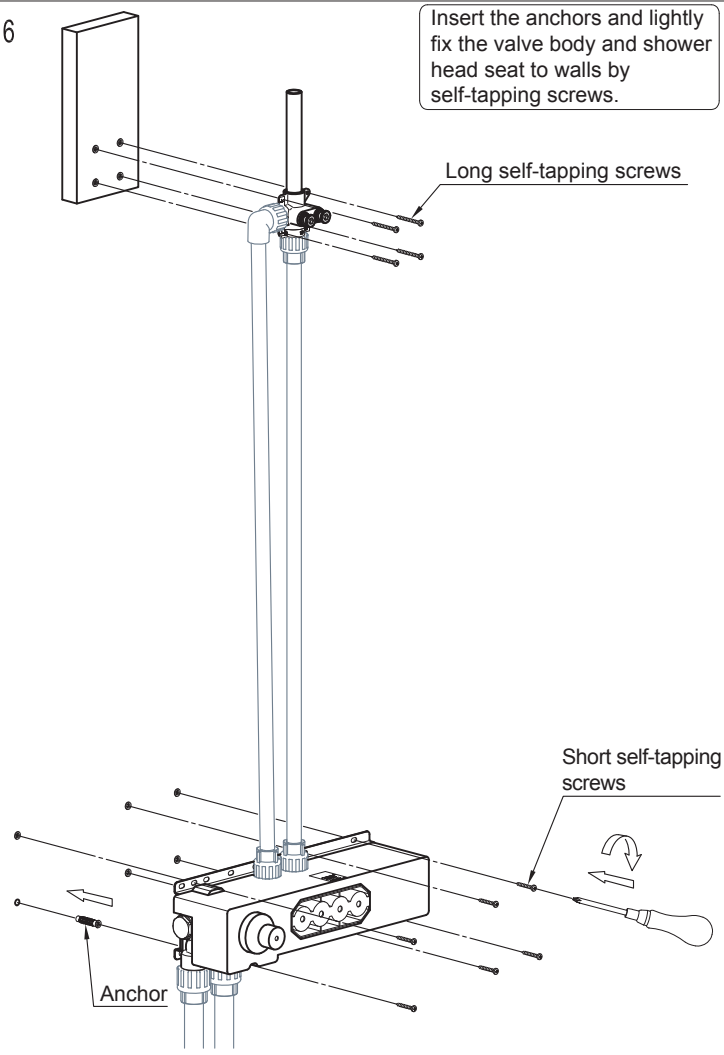
Drill ten Ø8 holes at marked positions.





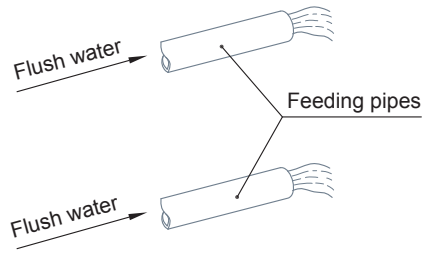
6

Insert the anchors and lightly fix the valve body and shower head seat to walls by self-tapping screws.



8

Flow water to get rid of the debris in pipes.



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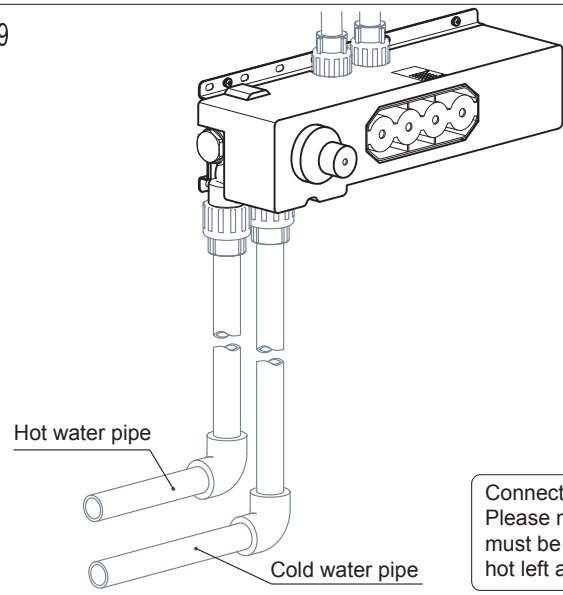
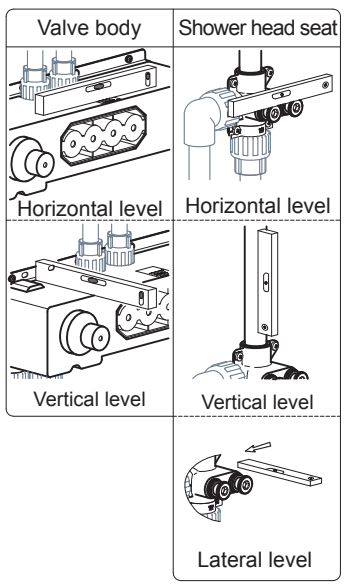
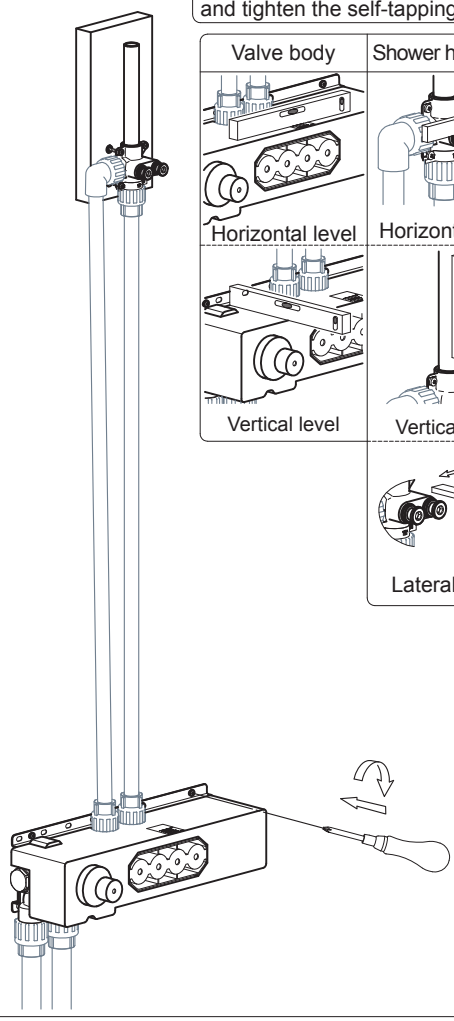


Connect feeding pipes. Please note that inlets must be connected for hot left and cold right.)

7

Adjust positions by a spirit level and tighten the self-tapping screws.





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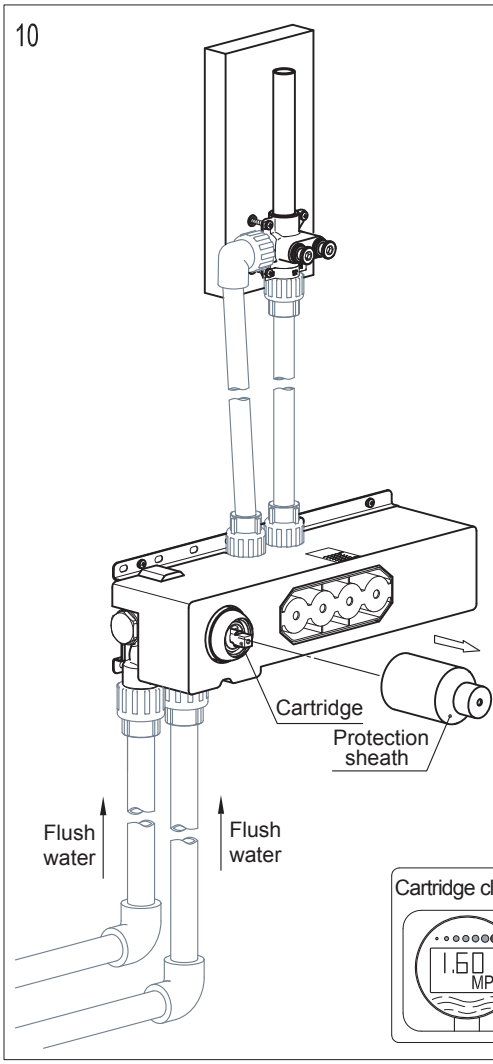
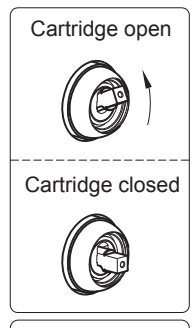
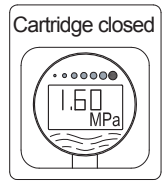
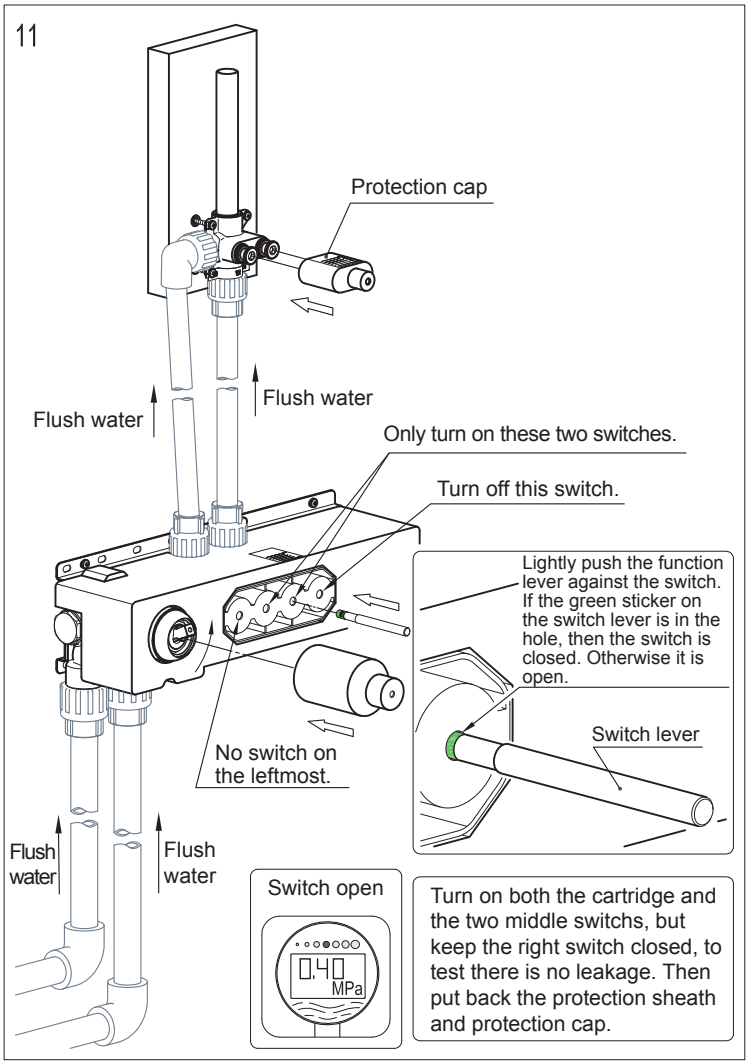






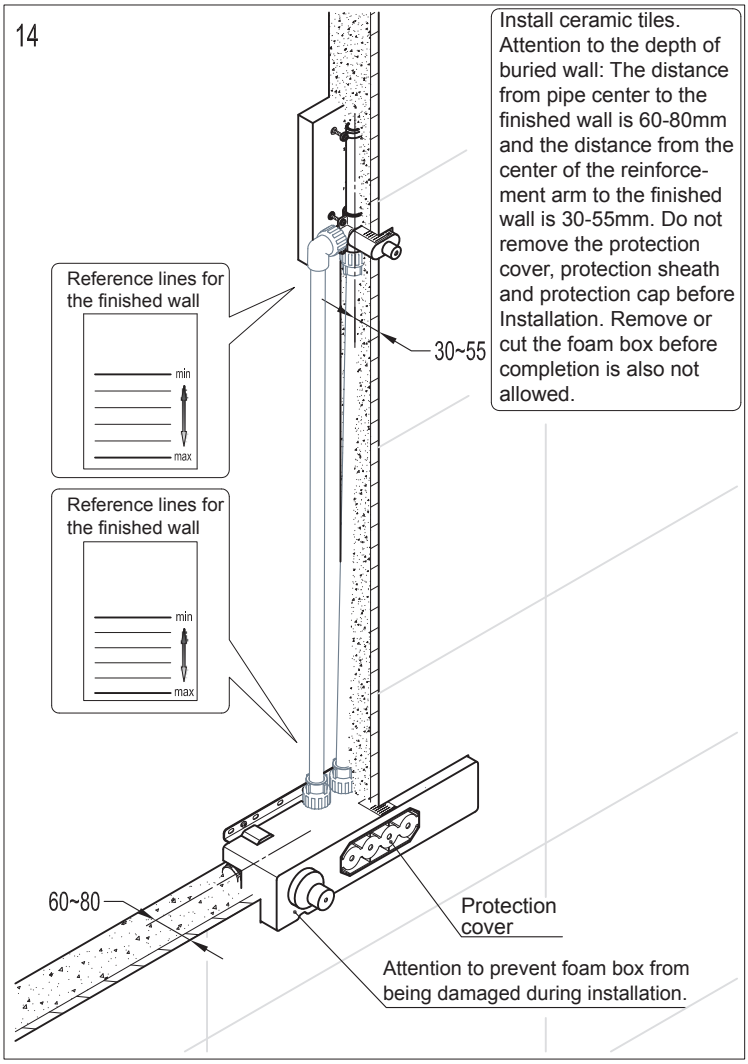
Remove the protection sheath. Turn off the cartridge and run water to test there is no leakage.

11



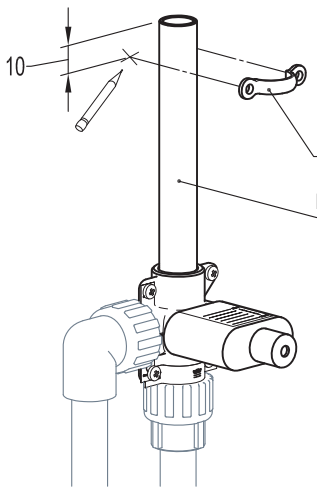
Turn on both the cartridge and the two middle switchs, but keep the right switch closed, to test there is no leakage. Then put back the protection sheath and protection cap.

14



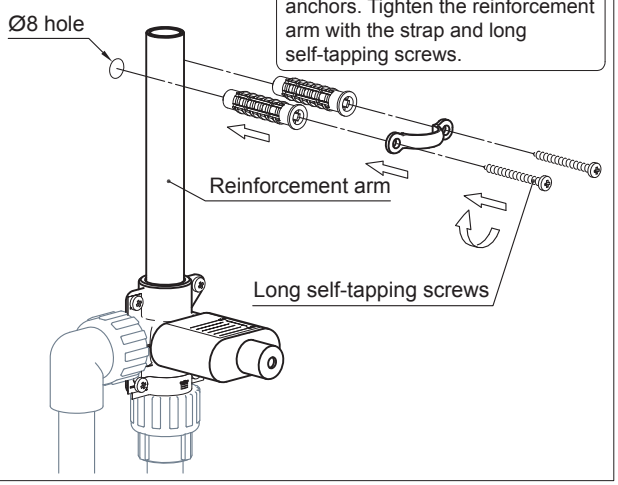
Install ceramic tiles. Attention to the depth of buried wall: The distance from pipe center to the finished wall is 60-80mm and the distance from the center of the reinforcement arm to the finished wall is 30-55mm. Do not remove the protection cover, protection sheath and protection cap before Installation. Remove or cut the foam box before completion is also not allowed.

12



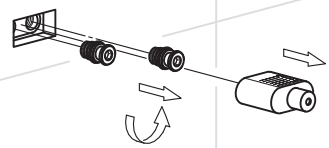
Put the strap onto the reinforcement arm. Take thetwo holes on the strap as benchmark to mark positions.

13

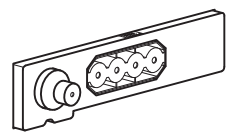


Drill holes on the wall and insert anchors. Tighten the reinforcement arm with the strap and long self-tapping screws.

15

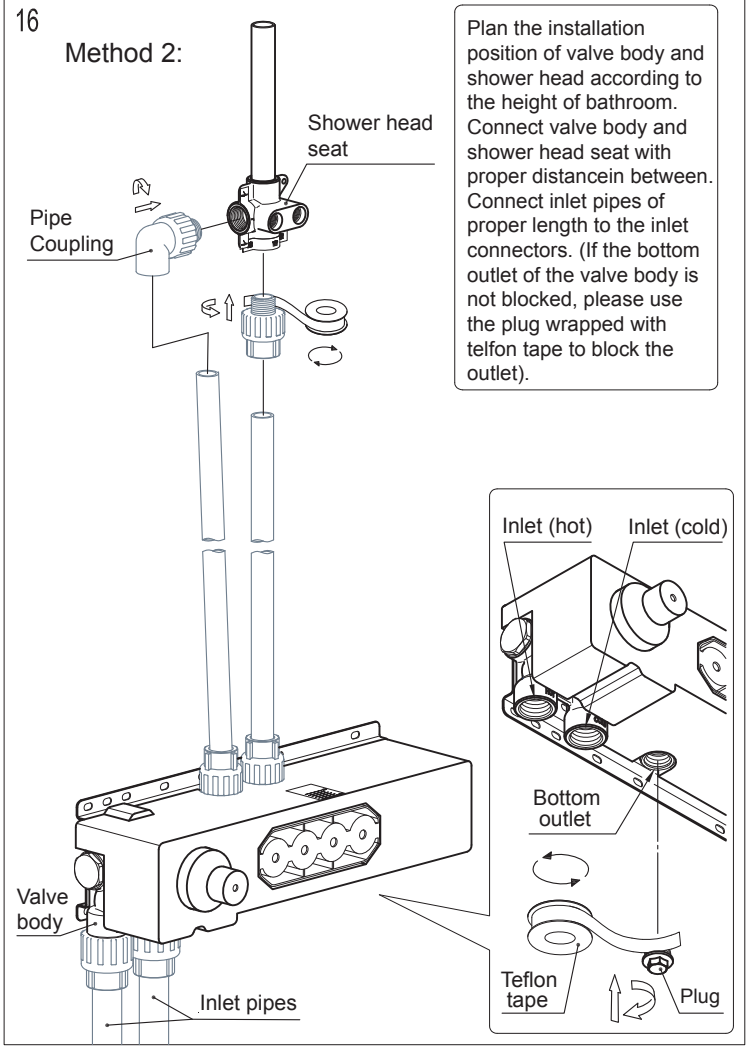


Remove the protection cap and plugs from the shower head seat.



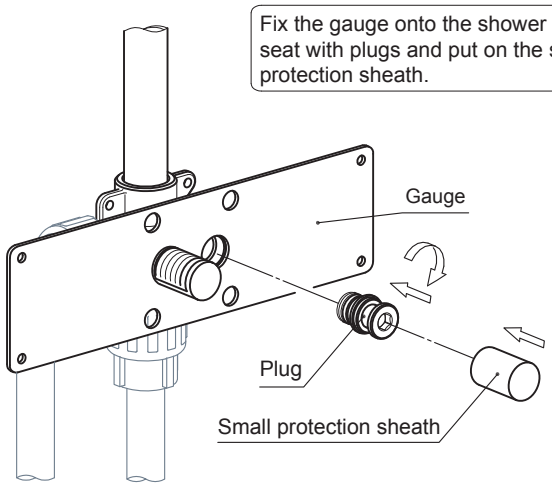
16

Method 2:



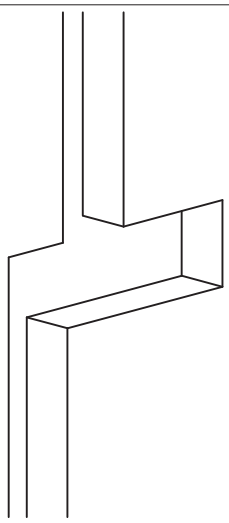
Plan the installation position of valve body and shower head according to the height of bathroom. Connect valve body and shower head seat with proper distancein between. Connect inlet pipes of proper length to the inlet connectors. (If the bottom outlet of the valve body is not blocked, please use the plug wrapped with telfon tape to block the outlet).

17



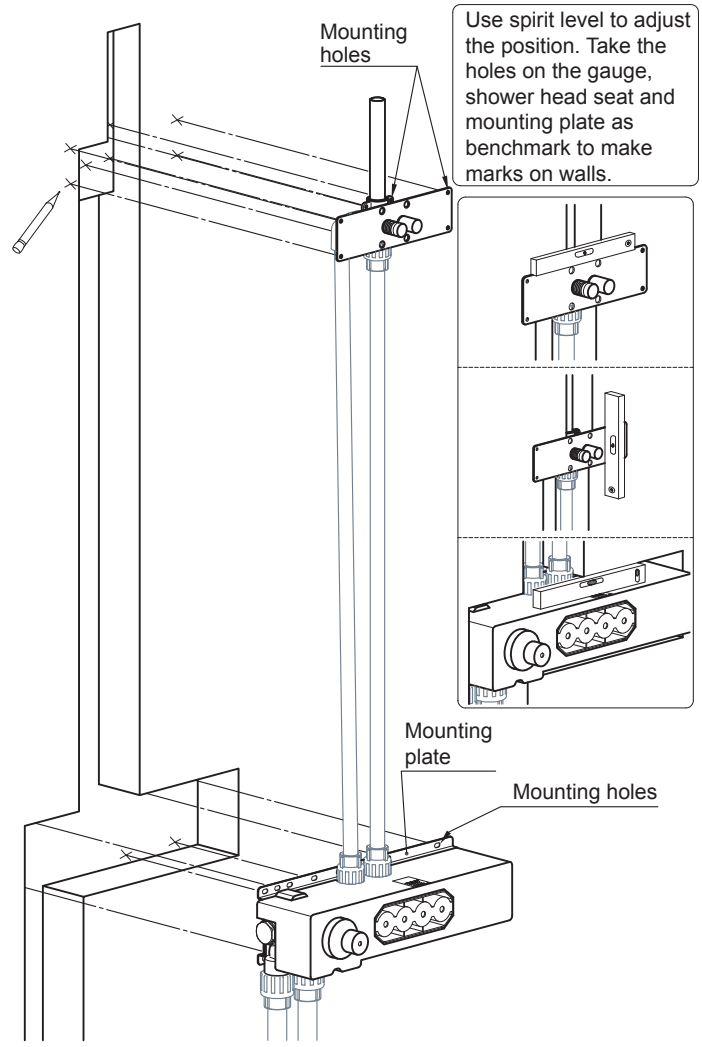
Fix the gauge onto the shower head seat with plugs and put on the small protection sheath.

18



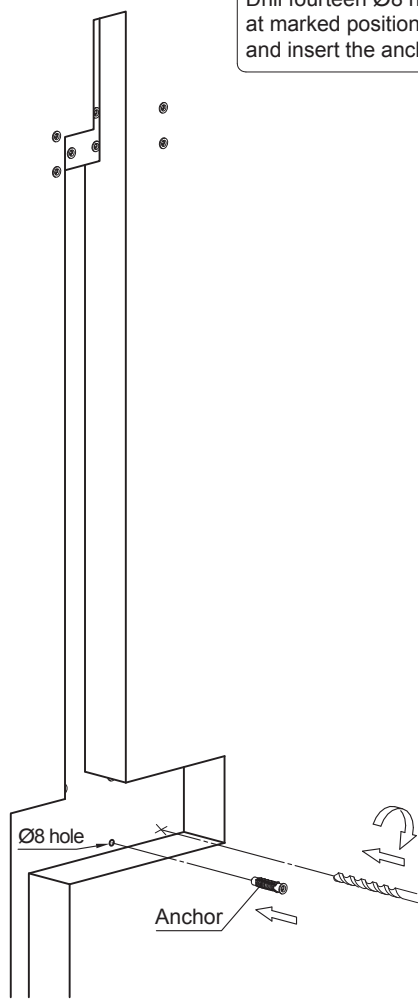
Cut slots in the wall.

19



Use spirit level to adjust the position. Take the holes on the gauge, shower head seat and mounting plate as benchmark to make marks on walls.

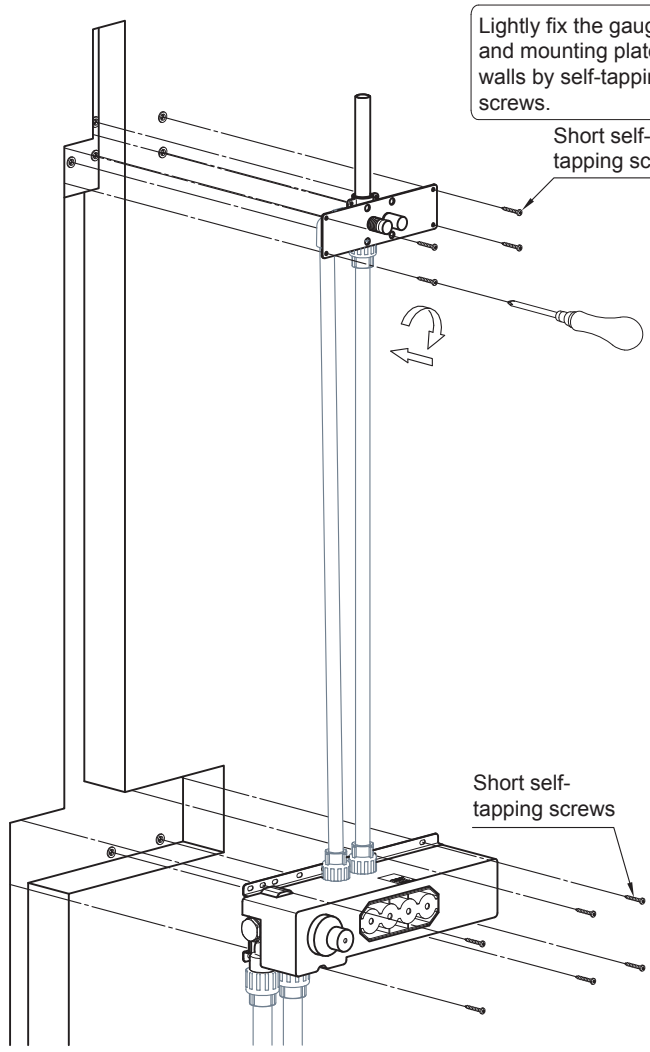
20



Drill fourteen Ø8 holes at marked positions and insert the anchors.

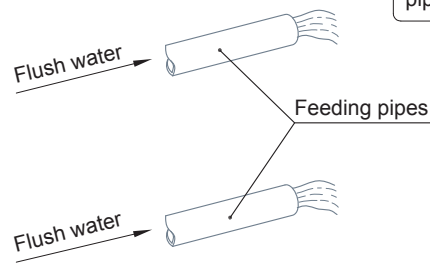
21

Lightly fix the gauge and mounting plate to walls by self-tapping screws.

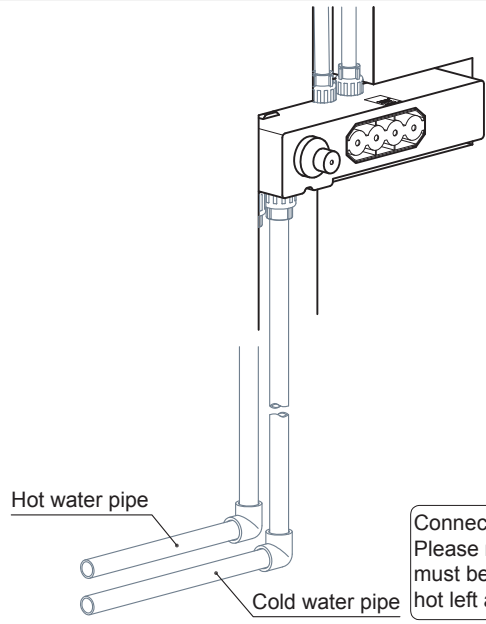


23

Flow water to get rid of the debris in pipes.



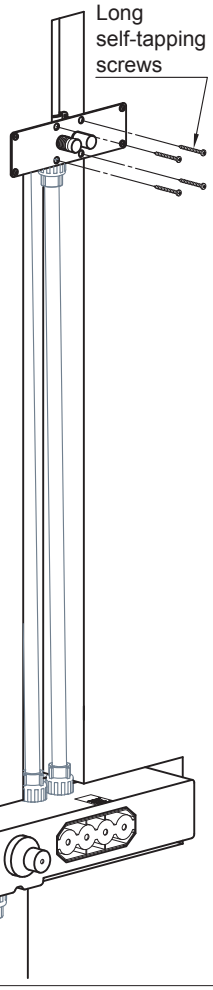
24

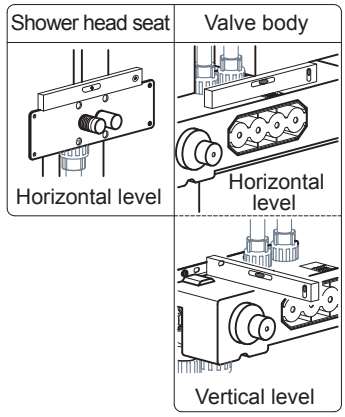


Connect feeding pipes. Please note that inlets must be connected for hot left and cold right.)

22

Adjust positions by a spirit level and tighten short self-tapping screws. Then fix the shower head seat with long self-tapping screws.





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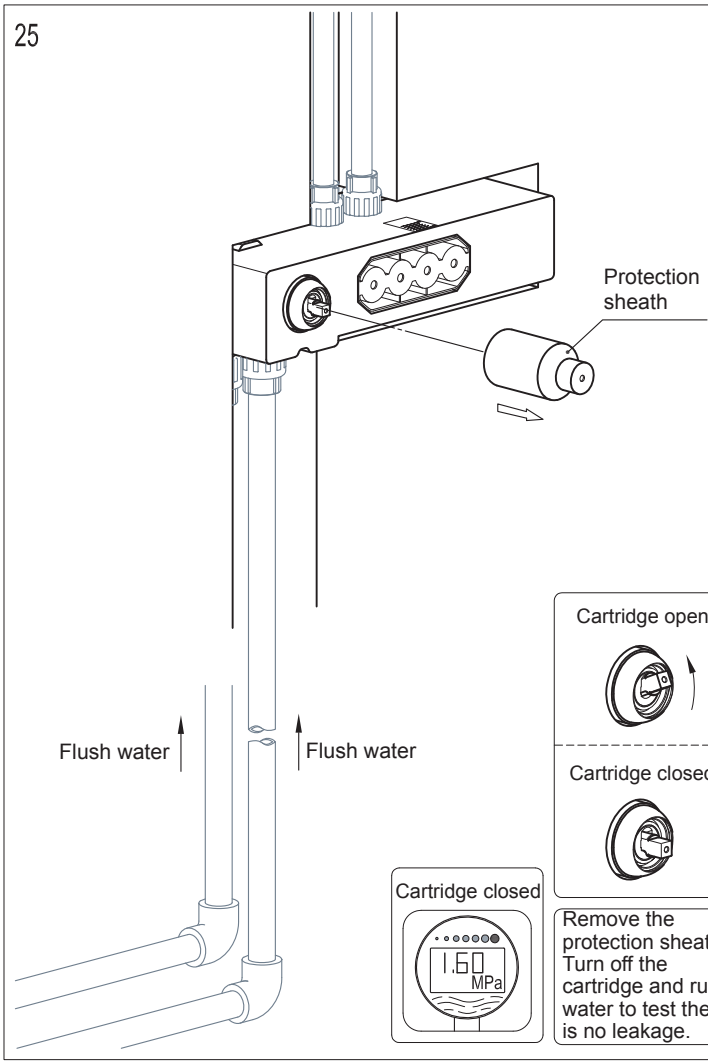
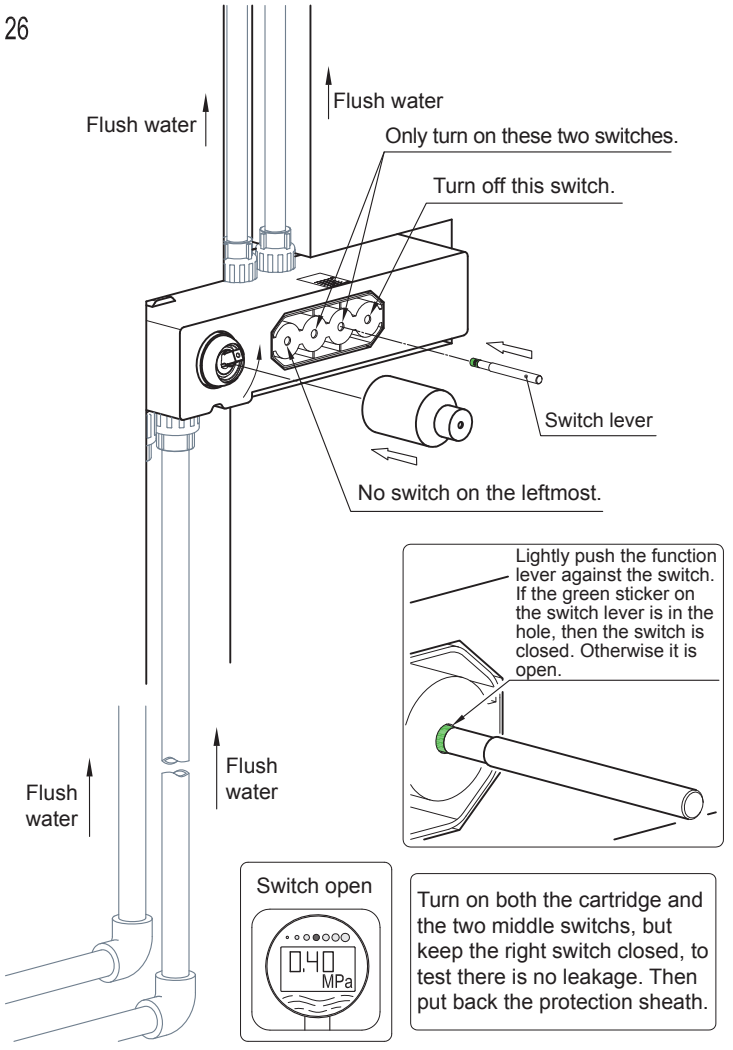


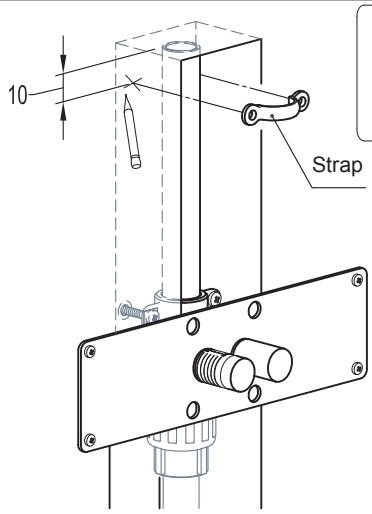
Remove the protection sheath. Turn off the cartridge and run water to test there is no leakage.

26



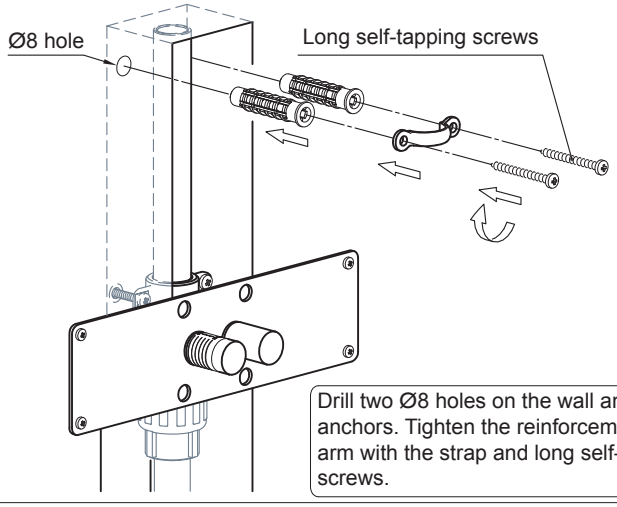
Turn on both the cartridge and the two middle switchs, but keep the right switch closed, to test there is no leakage. Then put back the protection sheath.

27



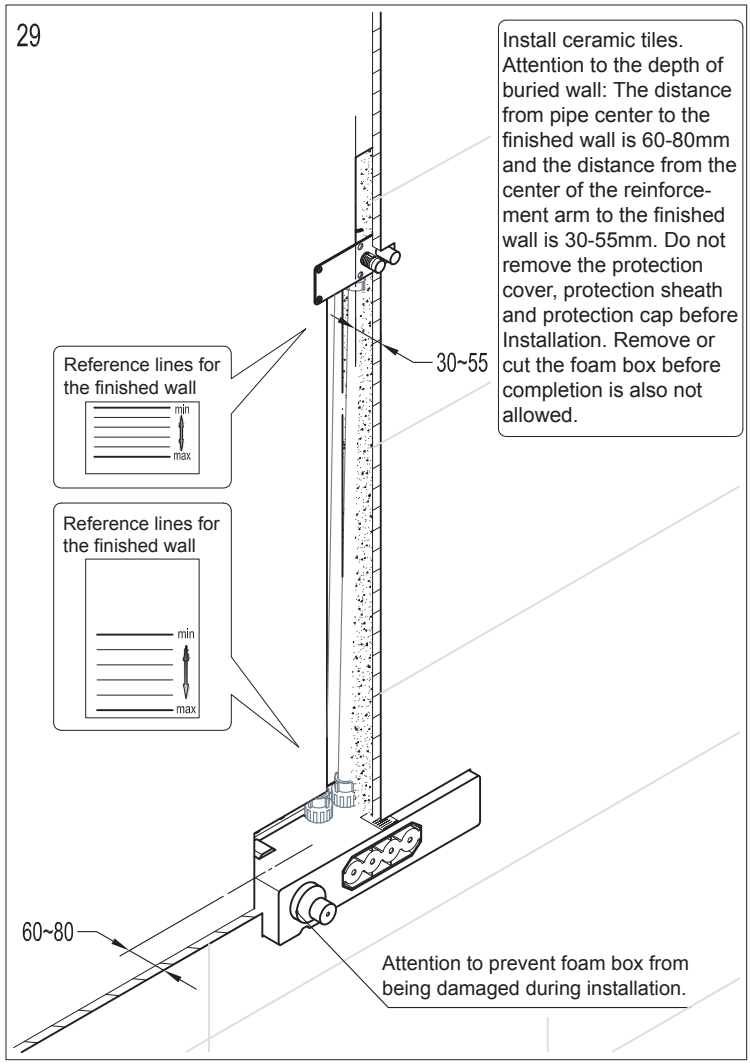
Put the strap onto the reinforcement arm. Take the two holes on the strap as benchmark to mark positions.

28



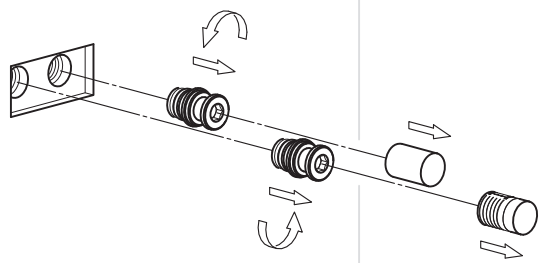
Drill two Ø8 holes on the wall and insert anchors. Tighten the reinforcement arm with the strap and long self-tapping screws.

29



Install ceramic tiles. Attention to the depth of buried wall: The distance from pipe center to the finished wall is 60-80mm and the distance from the center of the reinforcement arm to the finished wall is 30-55mm. Do not remove the protection cover, protection sheath and protection cap before Installation. Remove or cut the foam box before completion is also not allowed.

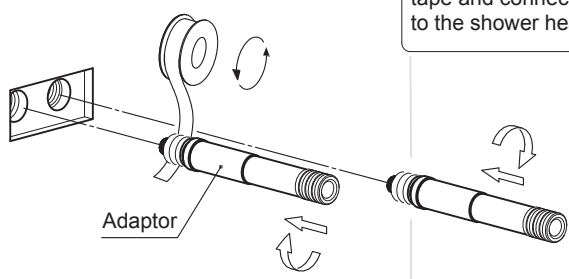
30



Remove the small protection sheaths and plugs from the shower head seat.

31

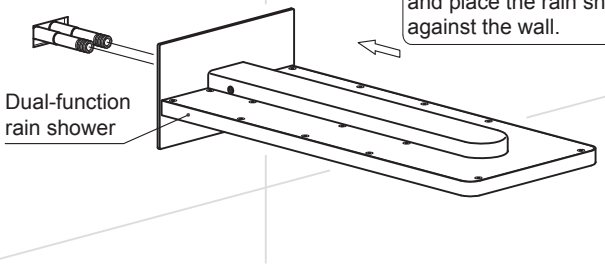
The following steps apply to both installation methods.



Flow water to get rid of the debris in pipes. Wrap adaptors with teflon tape and connect them to the shower head seat.

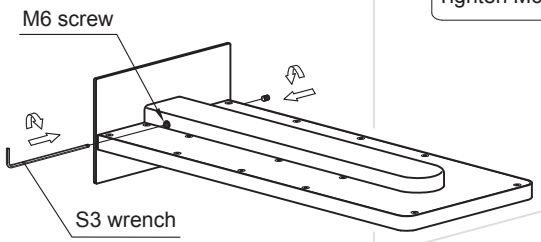
32

Connect the dual-function rain shower to adaptors and place the rain shower against the wall.



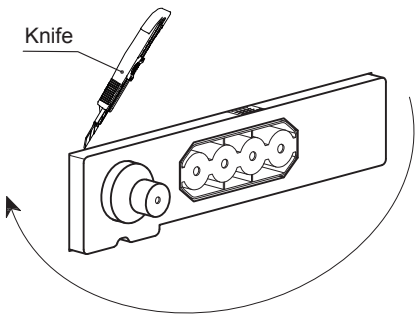
33

Tighten M6 screws.



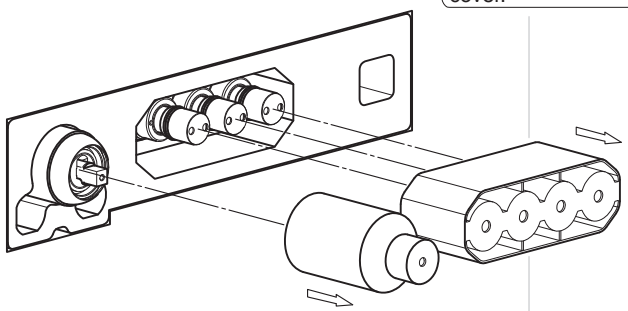
34

Cut the excessive part of the foam box. (Please note that the knife blade should only be placed from the edge of the foam box to avoid damage to the product.)



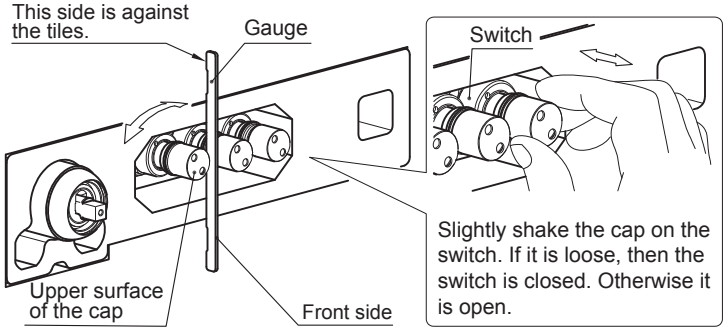
35

Remove the protection sheath and protection cover.



36

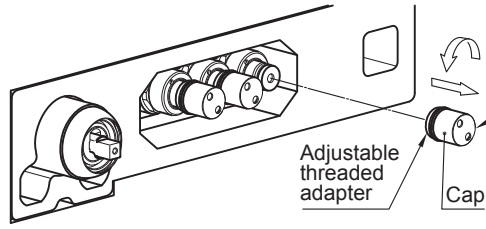
Make sure the switch is open. Place the gauge close to wall as shown in the diagram. If the upper surface of the cap is lower than or the same as the front side of the gauge, adjust the cap height to make the upper surface of the cap aligned with the front side of the gauge, then do as shown from Diagram 39. If it is higher, do as shown in Diagram 37.



37

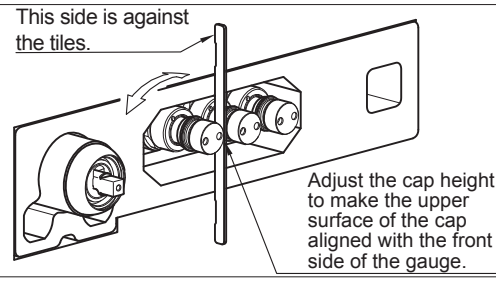
Replace all adjustable threaded adapters and caps.

Replace with short adjustable threaded adapters and caps.



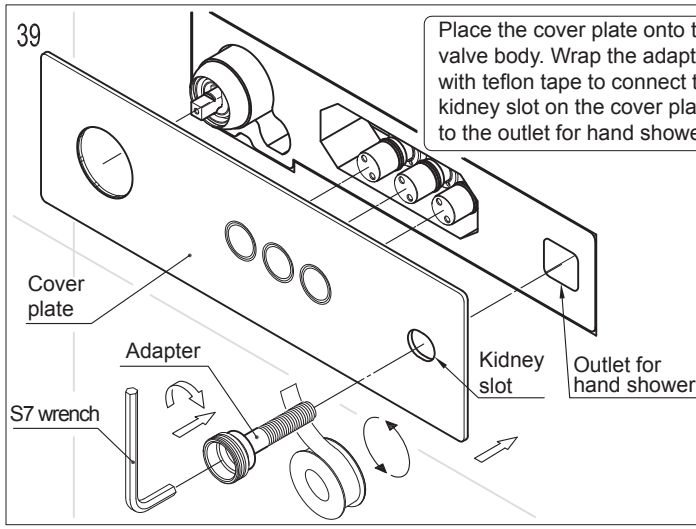
38

Keep the switch open. Place the gauge against the wall as shown in the diagram. Adjust the cap height to align with the front side of the gauge.



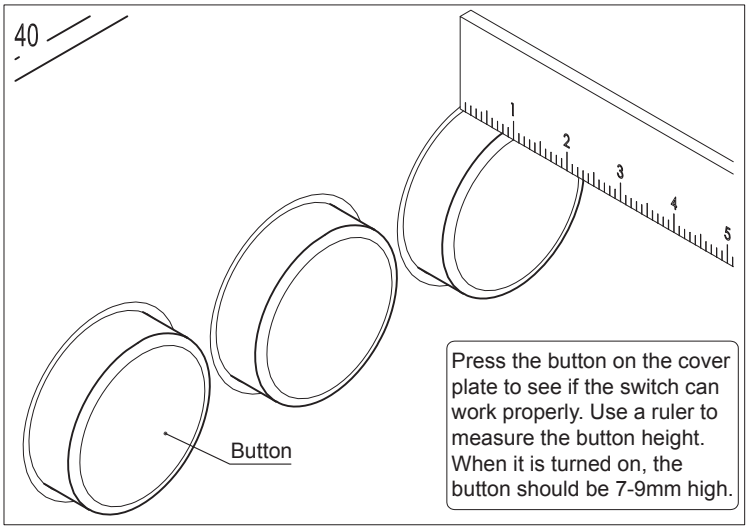
39

Place the cover plate onto the valve body. Wrap the adapter with teflon tape to connect the kidney slot on the cover plate to the outlet for hand shower.



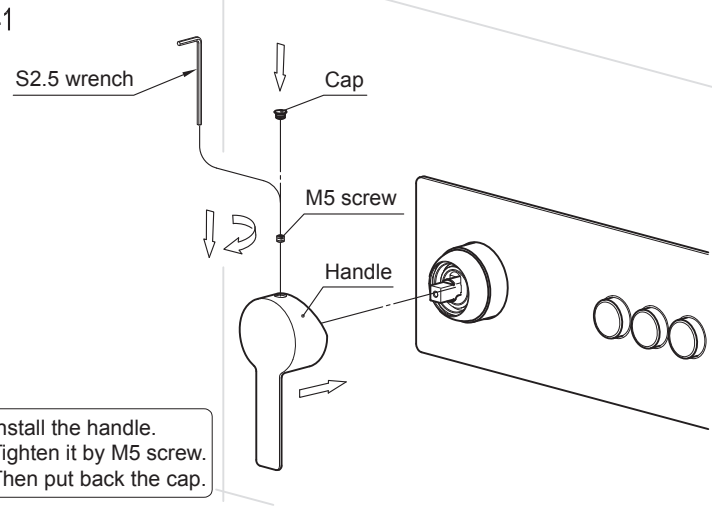
40

Press the button on the cover plate to see if the switch can work properly. Use a ruler to measure the button height. When it is turned on, the button should be 7-9mm high.

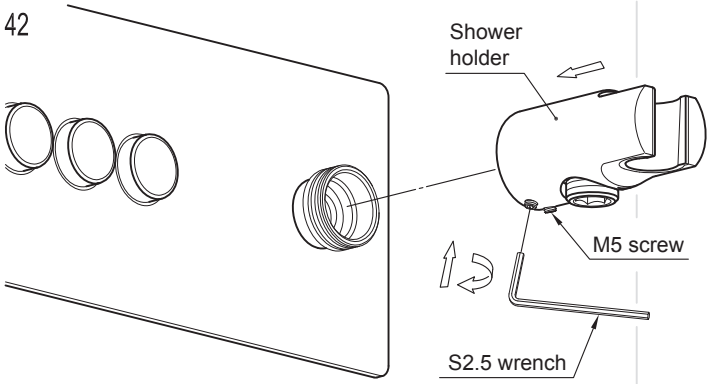


41

Install the handle. Tighten it by M5 screw. Then put back the cap.

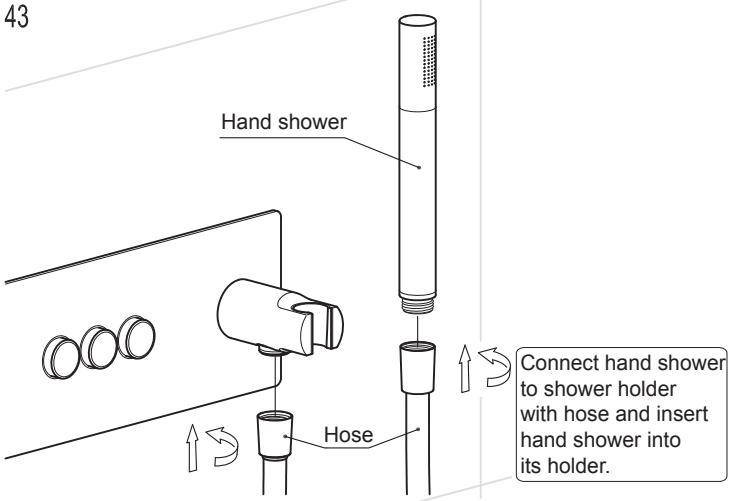


42



Install the shower holder and tighten the M5 screws.

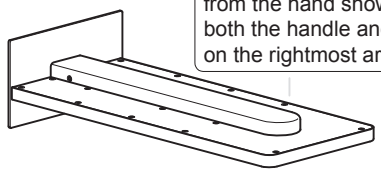
43

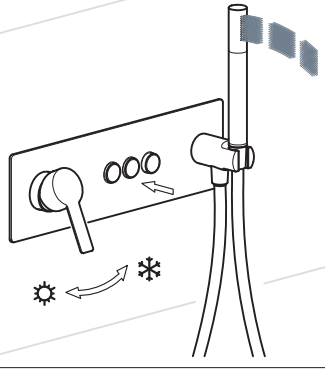


Connect hand shower to shower holder with hose and insert hand shower into its holder.

44

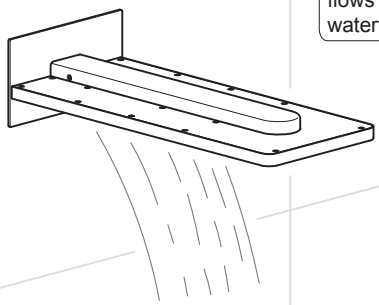
When completed, double check if the installation is proper. The diagram shows water flows from the hand shower when both the handle and the button on the rightmost are turned on.



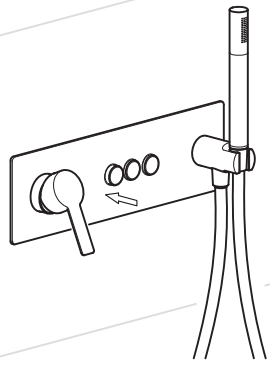


45

When the button on the leftmost is turned on, water flows from the waterfall outlet.

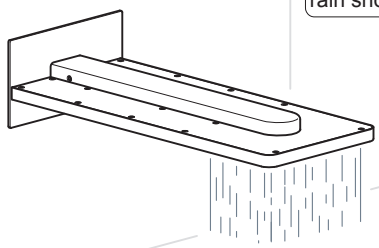


Waterfall outlet

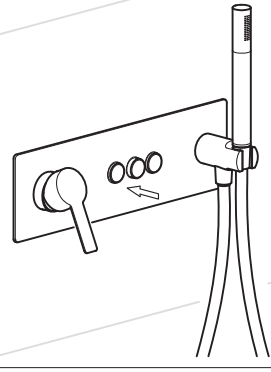


46

When the middle button is turned on, water flows from the rain shower outlet.



Rain shower outlet



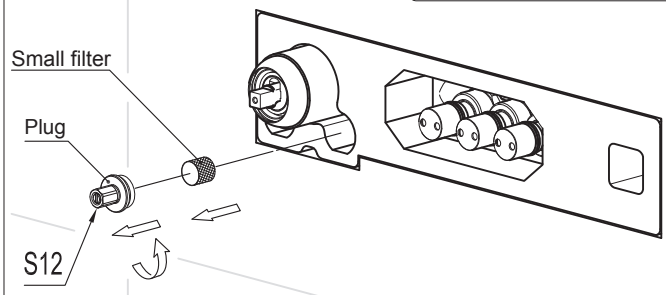
V. Maintenance (Fig.47-53):

If the flow rate is lessened after a period of usage, it is possibly because water of poor quality blocks the small filters on both sides of the valve body. Cleaning method should be taken as followed:

1.Turn off the main inlet valve.
2.Remove the small filters on both sides of the valve body as shown in Diagram 47-50.
3.Clean the small filters with a brush and vinegar.
4.Assemble them back after cleaning.
5. If water flow from the hand shower is normal, but lessened when it comes out of the waterfall or rain shower outlet, clean the filters on the adaptors as shown in Diagram 51-52.
6. If water flow from the rain shower does not spray evenly, or no water comes out of some outlets, it is possibly because dirt or debris blocks the nozzles. Please gently squeeze those rubber nozzles with fingers as shown in Diagram 53 and clean up the debris.

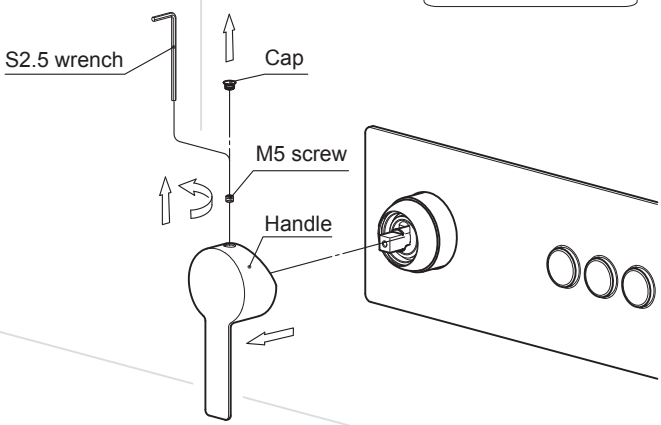
50

Unscrew the plugs on both sides of the valve body. Take out the small filters and clean the dirt with a brush and vinegar. Then assemble them back after cleaning.



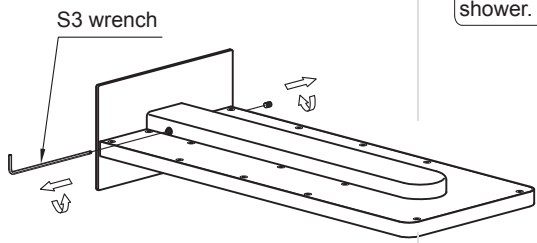
47

Remove the handle.



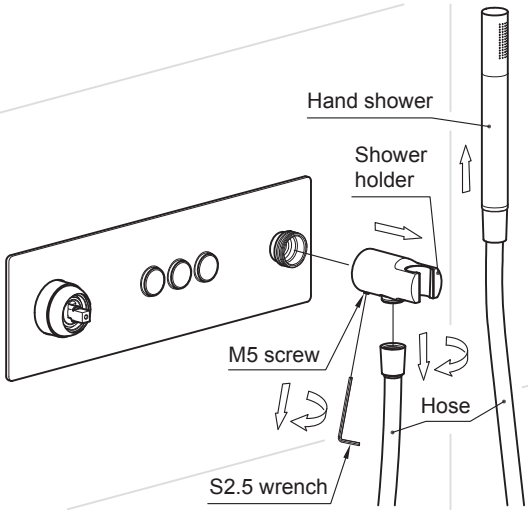
51

Loosen M6 screws and take out the dual-function rain shower.



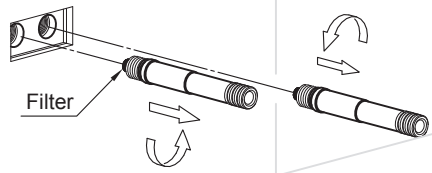
48

Remove the hand shower and hose. Loosen M5 screw and take out the holder.



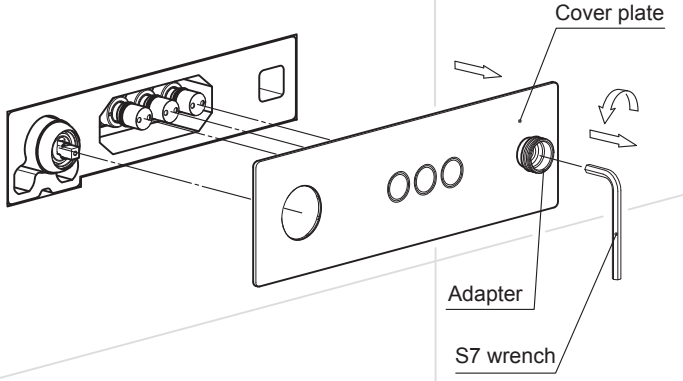
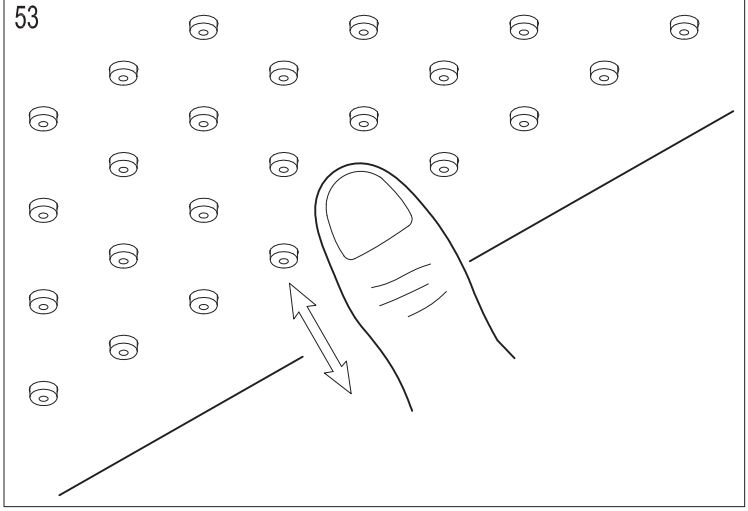
52

Take off the adaptors and clean the dirt on the filters with a brush and vinegar.
Flush water to get rid of the debris in pipes.
Then install back the adaptors and the dual-function rain shower as shown in Diagram 31-33.



49

Take off the adapter and cover plate.



53